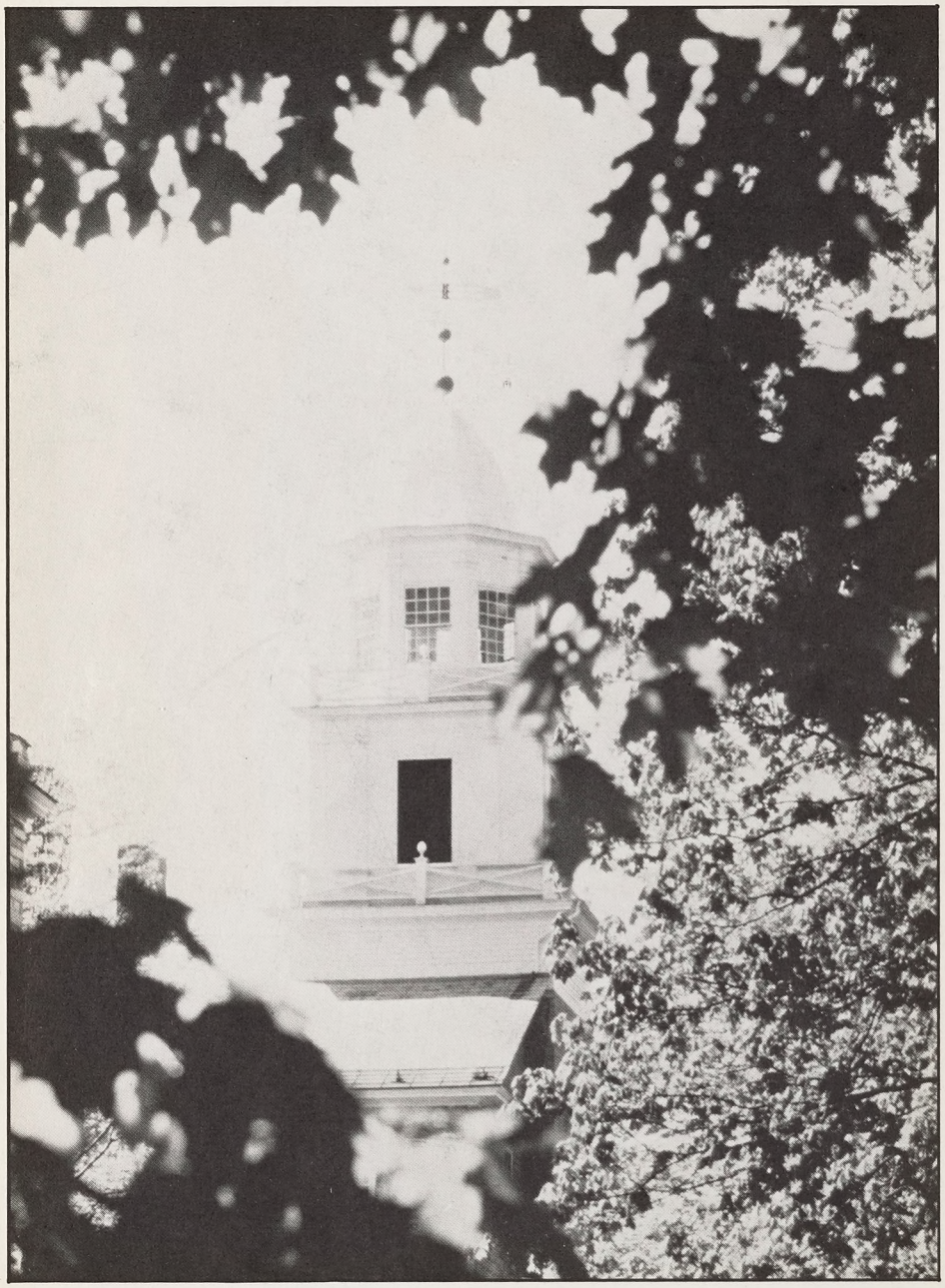

Middlebury College

Course Catalogue Supplement
1984-85

Middlebury College complies with the 1964 Civil Rights Act, Title IX of the Educational Amendments of 1972, the IRS Anti-Bias regulation and Section 504 of the Rehabilitation Act of 1973. In so doing, Middlebury College does not discriminate against any individual on the basis of race, color, sex, religion, ethnic origin or handicap in any of its programs or activities. The Dean of the College, Old Chapel, Middlebury College, Middlebury, VT 05753 (802) 388-3711 is responsible for coordinating the College's efforts to comply with sec. 504, Rehabilitation Act of 1973.

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HOW TO USE THIS SUPPLEMENT

As a guide to courses which will be offered at Middlebury College during the 1984-85 academic year, this supplement must be used in conjunction with the College's 1983-84 Registration Catalogue. Some of the courses listed in that Catalogue have been modified in one or more ways or have been dropped from next year's offerings, while some new courses which do not appear in the Catalogue have been added.

This document lists every course in the 1983-84 Catalogue, indicating whether the course is being offered again without change, offered again but modified in certain respects, omitted in 1984-85 or dropped completely from the curriculum. It also gives all details for the new courses introduced since the Catalogue was published. When using this supplement, please keep the following in mind:

1. If a course is being offered again without change, only its title and the term it will be offered are listed.

2. If a course has been changed in some way, only its title and the changes (i.e., new instructor's name, new description, etc.) are listed here; all other information relating to the course is in the Catalogue and students may assume that the other information still applies.

3. If a course is being omitted in 1984-85, its title is placed in brackets.

4. If a course has been dropped entirely from the curriculum, its title is followed by the word, "Deleted."

5. As in the Catalogue, Foundations Courses are preceded by an asterisk (*) in department copy.

6. All faculty (excluding those people not yet hired) for the 1984-85 academic year are listed at the beginning of their department copy.

FOUNDATIONS COURSES FOR 1984-85

FOREIGN LANGUAGES DIVISION

CL 121 THE CLASSICAL TRADITION OF THE LIBERAL ARTS AND SCIENCES. Spring.
CL 150 THE ANCIENT EPIC. Fall.
CL 152 GREEK TRAGEDY. Spring.
CL 216 HISTORY OF GREECE. Fall.
FL 201 INTRODUCTION TO LINGUISTICS. Fall.
FL 206 THINKING LINGUISTICS. Fall.
(#FL 252 THE ART OF CINEMA)
(FL 266 VERSIONS OF THE FOREIGN)
FR 115 REALISM: FRENCH FICTION FROM STENDHAL TO PROUST)
RU 151 RUSSIAN LITERATURE'S GOLDEN AGE (1830-1880). Fall.
RU 152 REVOLUTIONARY LITERATURE IN A REVOLUTIONARY SOCIETY: RUSSIAN MODERISM (1880-PRESENT). Spring.
(SI 231 CAPTAINS, KINGS AND CAUDILLOS)
(SI 290 DANTE: THE DIVINE COMEDY (IN ENGLISH))
(SI 294 THE ITALIAN RENAISSANCE (IN ENGLISH))

HUMANITIES DIVISION

AR 101 AN INTRODUCTION TO ART AND ART HISTORY. Fall.
(EL 110 CONTINENTAL FICTION)
(EL 111 EUROPEAN DRAMA: RENAISSANCE TO MODERN)
(EL 112 MYTHOLOGIES TIMELESS AND TIMELY, TRADITIONAL AND CONTEMPORARY)
AL/EL 113 VISIONS OF NATURE. Fall.
MU 101 INTRODUCTION TO MUSICAL STYLES. Spring.
MU 105 PERSPECTIVES OF MUSIC. Spring.
(MU 109 RUDIMENTS OF MUSIC)
PA 150 INTRODUCTION TO PHILOSOPHY. Fall, Spring.
(PA 170 THE WAY TO REASON)
PA 180 INTRODUCTION TO MODERN LOGIC. Spring.
(PA 190 ETHICS AND THE ENVIRONMENT)
PA 201 ANCIENT AND MEDIEVAL PHILOSOPHY. Fall.
PA 202 MODERN PHILOSOPHY FROM DESCARTES TO PEIRCE. Spring.

RE 120 INTRODUCTION TO THE JEWISH, CHRISTIAN AND ISLAMIC TRADITIONS.
RE 105 INTRODUCTION TO THE ENGLISH BIBLE. Spring.
RE 115 INTRODUCTION TO EASTERN RELIGIOUS THOUGHT. Fall.
RE 200 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT. Spring.
RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE. Fall.
TH 116 THE CREATIVE PROCESS: THEATER, DANCE, FILM. Fall, Spring.
#TH 117 FILM FORM AND FILM SENSE. Fall, Spring.

NATURAL SCIENCES DIVISION

(BI 100 EVOLUTION BY NATURAL SELECTION: HISTORICAL DEVELOPMENT AND CURRENT STATUS OF AN IDEA)
BI 125 INTRODUCTION TO BIOLOGICAL PRINCIPLES. Fall.
CH 103 FUNDAMENTALS OF CHEMISTRY I. Fall, Spring.
CH 105 (Same as CH 103, without lab)
(CH 110 CHEMISTRY--THE FORMATIVE YEARS: 1800-1915)
GL 102 DYNAMIC EARTH. Spring.
GL 171 GLOBAL TECTONICS. Fall.
MA 103 INTRODUCTION TO COMPUTERS. Fall, Spring.
MA 105 FINITE MATHEMATICS: PROBABILITY, STATISTICS AND MATRICES. Fall.
MA 106 INTRODUCTION TO STATISTICAL SCIENCE. Spring.
(MA 107 FOUNDATIONS OF MATHEMATICS)
(MA 227 SET THEORY)
PH 101 THE NATURE OF THINGS: PHYSICAL REALITY AND HUMAN THOUGHT. Spring.
PH 155 INTRODUCTION TO THE UNIVERSE. Fall.

SOCIAL SCIENCES DIVISION

GG 100 GEOGRAPHY: A MODERN SYNTHESIS. Fall, Spring.
HI 103 TURNING POINTS IN EARLY MODERN HISTORY. Fall.
HI 104 MODERN REVOLUTIONS. Spring.
PS 101 INTRODUCTION TO POLITICAL SCIENCE. Fall.
PS 107 POLITICS AND THE STUDIES OF POLITICS. Spring.
SA 105 SOCIAL MAN AND SOCIAL ORDER: ISSUES IN FREEDOM AND CONSTAINT. Fall, Spring.
SA 191 INTRODUCTION TO WOMEN IN SOCIAL THOUGHT. Fall.

#No student may take both FL 252 and TH 117 for Foundations Course credit.

INTERDEPARTMENTAL

ID 100 INTENSIVE FRESHMAN WRITING SEMINAR. Fall.

FRESHMAN WRITING PROGRAM

Courses in general will remain the same for 1984-85.

DIVISION OF FOREIGN LANGUAGES

Assistant Professor of Linguistics: Jeannine Heny

FL 175 USING YOUR LANGUAGE. Spring.

*FL 201 INTRODUCTION TO LINGUISTICS. Fall.

*FL 206 THINKING LINGUISTICS. Fall.

FL 211 SOCIOLINGUISTICS. Spring.

FL 212 PSYCHOLINGUISTICS. Fall.

FL 215 HISTORICAL LINGUISTICS. Spring.

FL 225 SOUND PATTERNS IN LANGUAGE. Spring.

FL 230 METRICS. Deleted.

FL 235 LINGUISTIC STYLISTICS. Deleted.

FL 239 STRUCTURING THE CHAOS. New Course. This course will examine a variety of literary representations of human fate as essential mythologies - essential because they provide a response or context to problems so painful that they threaten to disrupt our lives, to drive us to madness or to the repudiation of our

values - mythologies because no order is ever truly "given." The course will demonstrate that the myth lies in the making of the myth: the story, or composition of the text, bridges the distance between the experience of chaos and the need for order. Ms. Eberhart.

*FL 251 LITERATURE AND REVOLUTION. Deleted.

(*FL 252 THE ART OF CINEMA)

(*FL 266 VERSIONS OF THE FOREIGN)

FL 301 ROMANCE LINGUISTICS. Fall.

FL 302 GERMANIC LINGUISTICS. Fall. New Course. German, English, Dutch and Norwegian are closely related languages. Yet they exhibit broad divergence with respect to features such as word order, use and function of auxiliary verbs, word and word formation. The similarities and differences among these languages will be examined in the context of history and of general linguistic theory, with the intention of deepening the student's sensitivity to the workings of language. Other topics to be discussed include dialect variation, language learning and social questions such as usage in Germanic languages. Ms. Heny.

FL 340 THE ART AND CRAFT OF TRANSLATION. Spring.

FL 405 SEMINAR: KAFKA. Spring. Mr. Sparks.
For additional courses offered in English, see also (the below list replaces the list found in the 1983-84 Catalogue):

CL 112 INTRODUCTION TO ANCIENT SOCIETY: THE GREEKS. Fall.
*CL 121 THE CLASSICAL TRADITION OF THE LIBERAL ARTS AND SCIENCES. Spring.
*CL 150 THE ANCIENT EPIC. Fall.
(CL 151 MASTERPIECES OF ROMAN LITERATURE)
*CL 152 GREEK TRAGEDY. Spring.
*CL 216 HISTORY OF GREECE. Fall.
(CL 217 HISTORY OF THE ROMAN REPUBLIC)
(CL 220 INTRODUCTION TO GREEK SCIENCE)
CS 120 MODERN CHINESE AND ASIAN FICTION IN TRANSLATION. Fall.
CS 216 TRADITIONAL CHINESE FICTION IN TRANSLATION. Fall.
CS 225 CLASSICAL CHINESE POETRY IN TRANSLATION. Spring.
(*FR 115 REALISM: FRENCH FICTION FROM STENDHAL TO PROUST)
*RU 151 RUSSIAN LITERATURE'S GOLDEN AGE (1830-1880). Fall.
*RU 152 RUSSIAN MODERNISM (1880-PRESENT) Spring.
RU 351 DOSTOEVSKY. Fall.
(RU 352 TOLSTOY)
(RU 353 RUSSIAN THEATER)
RU 354 CHEKHOV. Spring.
(RU 356 RUSSIAN LITERATURE OF THE 60'S AND 70'S)
(*SI 231 CAPTAINS, KINGS AND CAUDILLOS)
(*SI 290 DANTE: THE DIVINE COMEDY)
(*SI 294 THE ITALIAN RENAISSANCE)
(SI 375 ITALIAN CINEMA)
FL 500 LINGUISTICS INDEPENDENT STUDY. Fall, Spring.

DIVISION OF NATURAL SCIENCES

(NS 106 INTRODUCTION TO STATISTICAL SCIENCE)

NS 150 ENVIRONMENTAL SCIENCE. Fall.

AMERICAN LITERATURE AND CIVILIZATION

Professors: Stephen Donadio (chairman), John McWilliams (on leave). Assistant Professors: Joanne Jacobson (Director, American Civilization), Karl Lindholm, Veronica Makowsky (on leave).

American Literature

Major Program: The American Literature major is directed by Professor Donadio. The American Civilization program is directed by Professor Jacobson.

Under the American Literature major, change the recommended English courses in paragraph 2 to EL 201 and EL 313.)

Freshman Writing Courses: AL 103 satisfies the freshman writing requirement.

*AL 101 THE AMERICAN CHARACTER IN LITERATURE. Deleted.

AL 102 THE AMERICAN SHORT STORY. Deleted.

AL 103 TOPICS IN AMERICAN LITERATURE. Fall, Spring. New Course. Study of a particular theme, genre or movement in American literature. Topics will differ in each section. All sections will fulfill the Freshman Writing Requirement. AL 103 may also be counted as an elective within the American literature major. AL 103 does not fulfill any requirement for an American Civilization Major.
AL 103A THE AMERICAN SHORT STORY. Fall. Staff.
AL 103B AMERICAN LITERARY REALISM. Fall. Staff.
AL 103C AMERICAN CHILDHOODS. Fall. Mr. Donadio.
AL 103D THE AMERICAN CHARACTER. Spring. Mr. Lindholm.
AL 103E FICTION BY AMERICAN WOMEN. Spring. Ms. Jacobson.
AL/EL 113 VISIONS OF NATURE. See English department copy for description.
AL 201 AMERICAN LITERATURE: 1620-1830. Spring. Limited to 70 students. Staff.

AL 202 AMERICAN LITERATURE: 1830-1865. Fall. Limited to 70 students. Fall.

AL 203 AMERICAN LITERATURE: 1865-1940. Fall. Limited to 70 students. Ms. Jacobson.

AL 301 THE AMERICAN NOVEL: I. Fall. New Description. The development of the American novel in the 19th century, including fiction by Cooper, Hawthorne, Stowe, Melville, Twain, Howells, James, Norris, Wharton and Chopin. (Open to juniors and seniors only.) Staff.

AL 302 THE AMERICAN NOVEL: II. Spring. Mr. Donadio.

AL 304 MODERN AMERICAN POETRY. Deleted.

AL 305 CONTEMPORARY AMERICAN POETRY. Deleted.

AL 306 AMERICAN POETRY: 1620-1920. New Course. Spring. A study of the development of American poetry from its beginnings through the rise of modernism. Particular attention will be given to the poetry of Taylor, Emerson, Poe, Whitman, Dickinson, Robinson and Frost. Staff.

AL 307 TOPICS IN TWENTIETH CENTURY AMERICAN POETRY. Fall. New Course. A study of a particular theme, genre or movement in modern and/or contemporary American poetry. The topic chosen will vary from year to year. In 1984, Mr. Pack will conduct an intensive study of the poetry of Robert Frost and Wallace Stevens. Limited to 20 students. (Consent of the instructor.) Mr. Pack.

AL 340 REGIONALISM: LITERATURE OF NEW ENGLAND. Spring. New Course. A study of selected writers whose work has been specifically concerned with the definition and traditions of New England Culture. Authors to be considered will include Bradford, Hawthorne, Jewett, Wharton, Frost and Robert Lowell. Staff.

(AL 420 AMERICAN CULTURE: 1941-1961). Offered in 1985-86.

AL 440 REGIONALISM: THE MIDWEST. Deleted.

AL 450 SEMINAR IN MAJOR AUTHORS. Fall, Spring. New Description. Intensive study of a single author or two closely related authors. Readings will include secondary

sources. A lengthy term paper will be required. Fall: Emerson and Thoreau. Spring: T.S. Eliot. Mr. Donadio.

AL 455 BLACK AMERICAN LITERATURE. Spring. Add Morrison to list of authors read.

AL 460 THE AMERICAN EPIC. Deleted.

AL 500 SPECIAL RESEARCH. Fall, Spring.

AL 700 SENIOR RESEARCH. Fall, Spring.

AL 704 SENIOR SEMINAR. Fall. Mr. Donadio.

American Civilization

Major Program: Freshmen considering an American Civilization major should think seriously about the fact that an interdisciplinary major can be more, not less, demanding than one in a single discipline. A considerable amount of initiative and self-direction is expected of students in the Program, especially in the fulfillment of the senior thesis requirement. Faculty members involved in the American Civilization major are: Ms. Jacobson (American Literature and Civilization, Director); Mr. Andres and Mr. Wilson (Art); Mr. Albanese (Economics); Miss Bellows (History); Mr. Cockrell (Music); Mr. Ferm (Religion); Mr. Haerle and Ms. Nelson (Sociology/Anthropology).

I. Courses required of all students (9). Courses remain the same except #8 should be changed to PA 222 AMERICAN PHILOSOPHY or MU 326 MUSIC IN AMERICA.

II. Replace existing departmental listings with the following:

AMERICAN LITERATURE

AL 103 TOPICS IN AMERICAN LITERATURE. Fall, Spring.
AL 203 AMERICAN LITERATURE: 1865-1940. Fall.
AL 301 THE AMERICAN NOVEL: I. Fall.
AL 302 THE AMERICAN NOVEL: II. Spring.
AL 306 AMERICAN POETRY: 1620-1920. Spring.
AL 307 TOPICS IN TWENTIETH CENTURY AMERICAN POETRY. Fall.
AL 340 REGIONALISM: LITERATURE OF NEW ENGLAND. Spring.
(AL 420 AMERICAN CULTURE: 1941-1961). Offered in 1985-86.
AL 450 SEMINAR IN MAJOR AUTHORS. Fall, Spring.
AL 455 BLACK AMERICAN LITERATURE. Spring.

ART

AR 207 AMERICAN PAINTING: 1750-1900. Spring.
(AR 211 AMERICAN DESIGN)
AR 308 LATE MODERN ART. Spring.
(AR 314 AMERICA: THE ENVIRONMENT)
(AR 403 SEMINAR IN MODERN ARCHITECTURE)
AR 407 SEMINAR IN AMERICAN ART: WINSLOW HOMER. Spring.

ECONOMICS

EC 150 INTRODUCTORY ECONOMICS (MACRO). Fall, Spring.
EC 155 INTRODUCTORY ECONOMICS (MICRO). Fall, Spring.
EC 360 INDUSTRIAL ORGANIZATION. Fall.
EC 365 ENVIRONMENTAL ECONOMICS. Fall.
EC 475 MONETARY THEORY AND INSTITUTIONS. Spring.

HISTORY

(HI 361 COLONIAL AMERICA)
HI 362 THE ERA OF THE AMERICAN REVOLUTION. Spring.
HI 363 JEFFERSONIAN AND JACKSONIAN AMERICA : 1800-1848. Fall.
(HI 364 CIVIL WAR AND RECONSTRUCTION)
(HI 367 TWENTIETH CENTURY AMERICA: 1900-1941)
(HI 368 TWENTIETH CENTURY AMERICA: 1941-1980)
HI 371 BLACK HISTORY. Fall.

(HI 373 AMERICAN DIPLOMATIC HISTORY)
HI 376 AMERICAN LABOR HISTORY. Spring.
HI 405 READINGS IN AMERICAN HISTORY. Fall.
HI 415 TOPICS IN AMERICAN HISTORY. Fall.

MUSIC
(MU 230 AMERICAN POPULAR SONG)
MU 326 MUSIC IN AMERICA. Spring.

POLITICAL SCIENCE
PS 208 CONGRESS. Spring.
PS 305 AMERICAN CONSTITUTIONAL LAW: THE FEDERAL SYSTEM. Fall.
(PS 306 AMERICAN CONSTITUTIONAL LAW: THE BILL OF RIGHTS)
PS 312 POLITICS OF THE FEDERAL BUREAUCRACY. Spring.
(PS 314 AMERICAN URBAN POLITICS)
(PS 402 SEMINAR: LIBERALISM AND CONSTITUTIONALISM)
PS 410 SEMINAR: POLITICAL PARTIES. Fall.
(PS 425 SEMINAR: THE AMERICAN PRESIDENCY)

RELIGION
RE 301 MODERN VIEWS OF GOD AND RELIGIOUS LIFE: THE NINETEENTH CENTURY. Fall.
RE 302 MODERN VIEWS OF GOD AND RELIGIOUS LIFE: THE TWENTIETH CENTURY. Spring.
RE 306 THE PURITAN TRADITION IN AMERICA. Fall.
RE 308 SEMINAR IN AMERICAN RELIGIOUS HISTORY. Spring.

SOCIOLOGY/ANTHROPOLOGY
SA 191 INTRODUCTION TO WOMEN IN SOCIAL THOUGHT. Fall.
SA 315 SOCIOLOGY OF EDUCATION. Spring.
SA 316 SOCIOLOGY OF YOUTH. Spring.
SA 330 PERSPECTIVES OF AMERICAN SOCIETY AND CULTURE. Spring.
SA 343 AMERICAN COMMUNTY STUDIES. Fall.
SA 346 POPULAR MUSIC AND SOCIETY. Spring.
SA 348 POPULAR CULTURE AND SOCIETY. Fall.
SA 349 MASS COMMUNICATIONS AND SOCIETY. Spring.
SA 387 SOCIOLOGY OF LAW. Spring.
SA 390 SOCIOLOGY OF WOMEN. Spring.

THEATRE, DANCE AND FILM
(TH 226 AMERICAN DRAMA)
(TH 237 AMERICAN FILM GENRES)

III.
AC 400 SEMINAR IN AMERICAN CIVILIZATION (JUNIOR YEAR). Fall. Miss Bellows, Ms. Jacobson.
AC 401 RESEARCH SEMINAR (JUNIOR YEAR). Miss Bellows. Spring.

AC 500 INDEPENDENT STUDY. Fall, Spring.

AC 700 SENIOR THESIS. Fall, Spring.

AC 704 SEMINAR IN AMERICAN CIVILIZATION (SENIOR YEAR). Spring.

ART

Professors: Glenn Andres, David Bumbeck. Associate Professor: John Hunisak (chairman). Assistant Professors: James Butler, Eric Nelson, Christopher Wilson (on leave). Instructor: Kirsten Powell.

*AR 101 AN INTRODUCTION TO ART AND ART HISTORY. Fall.

AR 102 MODERN ART. Spring.

AR 103 INTRODUCTION TO FAR EASTERN ART. Spring. New Description. As an introduction to the art of the Far East, this course will examine the painting, sculpture, architecture, and decorative arts of India, China, and Japan. Works of art will be studied in terms of style, iconography, and social and historical context. (No prior knowledge of Far Eastern culture is necessary.) Ms. Powell.

(AR 201 ART OF THE ITALIAN RENAISSANCE)

(AR 204 THE ART OF CHINA)

AR 205 FIGURE DRAWING. Fall.

AR 206 FIGURE DRAWING. Spring.

AR 207 AMERICAN PAINTING: 1750-1900. Spring. New Description. A survey of American Painting focusing upon the major painters and themes of the 18th and 19th centuries. The course will examine the development of history, landscape and genre painting. In addition to these broader themes, we will focus upon some of the great post-Civil War painters including Winslow Homer, Thomas Eakins and Albert Pinkham Rider. Mr. Wilson.

AR 209 STUDIO ART I. Fall.

AR 210 STUDIO ART II. Spring.

(AR 211 AMERICAN DESIGN)

(AR 216 ART OF THE MIDDLE AGES)

AR 301 MODERN ARCHITECTURE. Spring. New Description. The Western tradition in architecture since the Industrial Revolution. A survey of the men, monuments and developments that established the aesthetic, social and technological background for the contemporary architectural scene. Mr. Andres.

AR 302 BAROQUE ART: PAINTING, SCULPTURE AND ARCHITECTURE OF SEVENTEENTH CENTURY ROME. Fall. New Description. During the period to be considered, Rome was the undisputed capital of the art world. From the vast projects of Pope Sixtus V to the death of Bernini, we will investigate the richness, diversity and splendor of artistic creation under a Church Triumphant. Mr. Hunisak.

(AR 303 NORTHERN EUROPEAN ART: 1300-1600)

AR 305 PAINTING AND SCULPTURE OF NINETEENTH CENTURY EUROPE. Spring.

AR 307 THE ART OF THE CITY. Fall.

AR 308 LATE MODERN ART. Fall. New Description. An investigation of the leading figures and movements in painting and sculpture between 1945 and 1975. Special attention will be placed on the theoretical issues that have influenced such directions as Abstract Expressionism, Color Field Painting, Pop Art, Assemblage, Minimal Art, Super Realism, and Conceptual Art. Ms. Powell.

AR 309 PAINTING. Fall.

AR 115 (Art in Primitive Society

AR 310 PAINTING. Spring.

(AR 311 ANCIENT ART)

AR 312 ROMAN ART. Spring. New Description. Roman civilization mirrored by eight centuries of art and architecture - on the surface eclectic and derivative, beneath manifesting the technical, organizational and propagandistic complexity and brilliance that was Rome. Mr. Andres.

(AR 314 AMERICA: THE VISUAL ENVIRONMENT)

AR 315 PRINTMAKING. Fall.

AR 316 PRINTMAKING. Spring.

AR 317 FILM AND MODERNISM IN THE ARTS. Fall.

AR 319 SCULPTURE. Fall. New Description. An introduction to sculpture. Our goal will be to gain experience in intelligent expression or communication of ideas in three dimensional form. Instruction will be offered to introduce the student to the technical and conceptual developments within the discipline, both in its traditional and current practice. This instruction will include but not be limited to modeling, moldmaking, casting, carving, and construction in wood and metal in figurative and non-figurative forms of expression. (AR 209, 210 or permission.) No previous experience in sculpture is expected. Mr. Nelson.

AR 320 SCULPTURE. Spring. New Description. A continuation of AR 319. Students will more independently pursue expression in three dimensional form with a greater concentration in a specific area or exploration of new techniques and concepts. Mr. Nelson.

AR 400 THE ART WORK AND THE WORD. Spring.

AR 401 SEMINAR IN MODERN ART: PRIMITIVISM AND MODERN ART. Fall. New Description. Designed to coincide with the exhibition, Primitivism and Modern Art, to be held at the Museum of Modern Art, this seminar will focus on the issue of Primitivism as seen in nineteenth and twentieth-century art. The theme of the seminar will be the search for artistic innocence and the development of purposeful naivete as an aesthetic mode. Topics to be discussed will include the dream of the Golden Age, the Gothic Revival, Japonisme, Gaucherie, the lure of the South Seas, and the influence of African art. Ms. Powell.

AR 403 SEMINAR IN MODERN ARCHITECTURE: ARCHITECTURE AFTER THE MASTERS. Fall. New Description. An investigation of recent architectural trends beginning with the climactic work of Wright, Gropius, Mies and LeCorbusier and following the developments and reactions which it inspired. The seminar will draw heavily on contemporary architectural theory and criticism in an attempt to achieve an historical overview of the period since World War II. (Permission.) Limited to 12 students. Mr. Andres.

(AR 404 SEMINAR IN MEDIEVAL ART)

(AR 405 SEMINAR IN BAROQUE ART)

(AR 406 SEMINAR IN RENAISSANCE ART)

AR 407 SEMINAR IN AMERICAN ART: WINSLOW HOMER. Spring. New Description. An examination of the life and work of the American painter Winslow Homer. Although generally regarded as a popular painter of American life, Winslow Homer through his paintings often provides a penetrating and sometimes disturbing view of post-Civil War America; images of childhood in the Gilded Age; the hunter and the hunted; and man and his relationship to the sea. (Permission.) Limited to 12 students. Mr. Wilson.

(AR 410 SEMINAR IN ICONOGRAPHY)

Guidelines for Independent Work in Art History and Studio Art. Change first sentence under 1. to: "Under no circumstances will anyone be allowed to register for AR 710 or AR 720 unless his or her adviser's signature is on the official registration card."

AR 510 ADVANCED STUDIES IN ART HISTORY

AR 520 ADVANCED STUDIES IN STUDIO

AR 710 SENIOR INDEPENDENT STUDY IN ART HISTORY

AR 720 SENIOR INDEPENDENT STUDY IN STUDIO

BIOLOGY

Professors: Duncan McDonald, George Saul, Christopher Watters, Howard Woodin. Associate Professor: C. Randall Landgren (chairman). Assistant Professors: John DesRosier, Thomas Root (on leave). Lecturer: Steven Young, Adjunct Professor. Assistant: H. Peter Wimmer.

Major Program: In paragraph two, change the first sentence to: "The major program includes BI 125, BI 250, 7 other biology courses and 4 cognate courses in chemistry (excluding CH 110), physics (excluding PH 101, 145 and 155) or mathematics (excluding MA 107).

(*BI 100 EVOLUTION BY NATURAL SELECTION: HISTORICAL DEVELOPMENT AND CURRENT STATUS OF AN IDEA)

*BI 125 INTRODUCTION TO BIOLOGICAL PRINCIPLES. Fall.

BI 190 GENERAL ECOLOGY. Spring. No Prerequisites.

(BI 201 INVERTEBRATE BIOLOGY)

†BI 203 BOTANY. Spring.

BI 205 DEVELOPMENTAL BIOLOGY. Spring. New Description. An introduction primarily to animal embryology, focusing on such phenomena as fertilization, cleavage, gastrulation, morphogenesis, and cellular differentiation. Emphasis will be placed on understanding how these phenomena occur and what purposes they serve in development. Special topics covered include: the development of mammals and vascular plants and such non-embryological phenomena as metamorphosis, regeneration, and aging. Laboratory work will be devoted to the microscopical anatomy of selected vertebrate embryoes and to experimental studies of several developmental problems. (BI 125 or permission.) 3 hrs. lect., 3 hrs. lab. Mr. Watters.

†BI 220 COMPARATIVE CHORDATE MORPHOLOGY. Fall. New Description. An examination of the structure and basic biology of the chordates, tracing evolutionary changes in morphology from early chordates through mammals. Most anatomical systems (e.g., skin, skeletal, muscular, urogenital, and nervous systems) are derived from basic cell types, and provide similar functions for all animals, yet exhibit a remarkable degree of variation among species due to unique biological needs and heritages. The focus of this course will be on understanding these homologous systems. The laboratories will provide considerable practical experience with preserved and living specimens, and along with other readings will be an integral part of lecture discussions. (BI 125 or permission.) 3 hrs. lect., 3 hrs. lab. Staff.

BI 225 TOPICS IN HUMAN GENETICS. Fall. New Description. Lectures on methods of analyzing family histories and other means of studying the transmission of traits in human populations; the effects of changes in chromosome structure and number; twin analysis; genetic control of development; effects of inbreeding; uses of cell

culture; and the causes and effects of changes in gene frequencies. Laboratory work will involve experiments, modelling, and discussions. (BI 125.)3 hrs. lect., 3 hrs. lab. Mr. Saul.

BI 230 MICROBIOLOGY. Fall.

BI 250 ORGANELLES AND CELLS: AN INTRODUCTION TO CONCEPTS AND METHODOLOGY. Spring.

BI 267 THE BIOLOGY OF INSECTS AND RELATED ARTHROPODS. Fall. New Description. Insects comprise more than half the identified species of living things. This course will examine the varieties of insects and their relationships to other groups of allied invertebrates, and various aspects of their physiology and behaviour. Their importance as plant pollinators and as pests, parasites, and pathogen vectors will be discussed. The laboratory will consist of collection and identification of insects, observations of behaviour in field and laboratory, and morphology and anatomy. (BI 125 or permission.) 3 hrs. lect., 3 hrs. lab. Mr. McDonald.

(†BI 270 THE BIOLOGY OF BIRDS)

BI 303 PLANT PHYSIOLOGY. Fall, Winter.

BI 311 ECOSYSTEM ANALYSIS. Fall.

BI 314 MOLECULAR GENETICS. Spring. New Description. Topics for lectures and reading include the structure and function of the genetic material of prokaryotes, viruses, and eukaryotes; regulation of gene activity; and molecular models of recombination. Attention will be given to special topics of current interest, such as oncogenic viruses, cloning, and fine-structure analysis of genes. Laboratory study is designed to introduce some organisms and techniques used in research and includes training in analyzing and reporting data. (BI 250.)3 hrs. lect., 3 hrs. lab. Mr. Saul.

†BI 316 ANIMAL BEHAVIOR. Spring. New Description. A review of recent topics in animal behavior in light of natural selection. Both vertebrates and invertebrates will be discussed. The adaptive significance of behavior, from the neural to the ecological level, will be stressed. Weekly laboratories will include experimental investigations, field trips, and films. (BI 125 or permission.) 3 hrs. lect., 3 hrs. lab. Mr. McDonald.

BI 320 COMPARATIVE ANIMAL PHYSIOLOGY. Spring.

(BI 325 MEDICAL MICROBIOLOGY)

BI 330 EXPERIMENTAL METHODS IN MICROBIOLOGY. Deleted.

BI 335 APPLIED MICROBIOLOGY. Spring.

BI 350 TOPICS IN CELLULAR BIOLOGY. Fall.

(BI 401 ADVANCED GENETICS)

BI 410 ADAPTATION AND EVOLUTION. Fall. New Description. Following a brief introduction to the history and development of the concepts of evolution and natural selection, the mechanisms of and evidence for speciation and adaptation will be examined in some detail. The geological evidence for different hypotheses of phyletic evolution will be considered,and there will be discussion of the hypotheses concerned with the emergence of living things on our planet. Students will be asked to make occasional presentations to the class. At least one critical paper will be required. (BI 314 or BI 225.) 3 hrs. lect. and disc. Mr. Saul, Mr. McDonald.

(BI 425 TOPICS IN SYMBIOLOGY)

BI 500 ADVANCED STUDY. Fall, Winter, Spring.

BI 750 SENIOR WORK (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.

BI 900 RESEARCH AND THESIS. Fall, Winter, Spring.

CHEMISTRY

Professors: Robert Gleason (chairman), E.L. Pool. Assistant Professors: Susan Kegley, Maggie O'Brien, David Reingold, Steven Sontum.

*CH 103 FUNDAMENTALS OF CHEMISTRY I. Fall, Spring. Mr. Gleason.

*CH 105 Same as CH 103 but without the laboratory.

CH 104 FUNDAMENTALS OF CHEMISTRY II. Fall, Spring.

CH 106 Same as CH 104 but without the laboratory.

(*CH 110 CHEMISTRY--THE FORMATIVE YEARS: 1800-1915)

NS 150 ENVIRONMENTAL SCIENCE. (See Division of Natural Sciences.)

CH 241, CH 242 ORGANIC CHEMISTRY I AND II. Fall, Spring. Ms. Kegley, Mr. Reingold.

CH 247, CH 248 Same as CH 241, CH 242 but without the laboratory.

(CH 322 EXPERIMENTAL BIOCHEMISTRY)

CH 341 ORGANIC CHEMISTRY III. Fall. Mr. Reingold.

CH 351 PHYSICAL CHEMISTRY I. Fall. Mr. Sontum.

CH 352 PHYSICAL CHEMISTRY II. Spring. Mr. Sontum.

CH 357 Same as CH 351 but without the laboratory.

CH 358 Same as CH 352 but without the laboratory.

CH 412 ADVANCED ANALYTICAL CHEMISTRY. Fall.

CH 421 BIOCHEMISTRY. Fall.

CH 422 BIOCHEMISTRY. Spring.

CH 427/428 Same as CH 421/422 but without the laboratory.

CH 431 ADVANCED INORGANIC CHEMISTRY. Spring. New Description. Atomic structure. Bonding theories of inorganic chemistry, including valence bond and molecular orbital approaches; ligand field and crystal field theories for coordination complexes. Symmetry and group-theory. Reaction mechanisms for inorganic complexes. Organometallic chemistry and bioinorganic chemistry. (CH 351.) 3 hrs. lect., 4 hrs. lab. Ms. Kegley.

CH 442 ADVANCED ORGANIC CHEMISTRY. Spring. Mr. Reingold.

CH 452 PHYSICAL CHEMISTRY III. Fall.

CH 500 INDEPENDENT STUDY PROJECT. Fall, Spring.

CH 700 SENIOR WORK. Fall, Winter, Spring.

CH 750 SENIOR THESIS (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.

CHINESE

Associate Professor: John Berninghausen (chairman). Lecturer: Gregory Chiang. Instructor: Jing Wang.

Major Program: Under Required for a Major, change the second sentence to: (Credit equivalent to CS 302 and/or CS 400 may be earned in approved study at language training programs located in Mandarin-speaking societies.)

Under Joint Major in Chinese, change the final phrase to:--and one additional course chosen from among the following: SA 335, HI 331, HI 235, HI 236, HI 409, PS 220, RE 211, GG 330, AR 103, CS 400, CS 401, CS 402.

CS 101 BEGINNING CHINESE. Fall.

CS 102/WT BEGINNING CHINESE. Winter.

CS 102 BEGINNING CHINESE. Spring.

CS 201 INTERMEDIATE CHINESE. Fall.

CS 202 INTERMEDIATE CHINESE. Spring.

CS 120 MODERN CHINESE AND ASIAN FICTION IN TRANSLATION. Fall. (Formerly CS 220.)

CS 216 TRADITIONAL CHINESE FICTION IN TRANSLATION. Fall.

CS 220 MODERN CHINESE AND ASIAN FICTION IN TRANSLATION. Fall. (Changed to CS 120.)

CS 225 CLASSICAL CHINESE POETRY IN TRANSLATION. Spring.

CS 260 INTRODUCTION TO LITERARY CRITICISM AND ANALYSIS. Spring.

CS 301 ADVANCED CHINESE (MODERN CHINESE). Fall.

CS 302 ADVANCED CHINESE (MODERN CHINESE). Spring.

CS 333 ADVANCED READINGS AND COMPOSITION (MODERN CHINESE). Fall. (Changed to CS 400--see below.)

CS 400 ADVANCED READINGS AND CONVERSATION (MODERN CHINESE). Fall. New Course. (Formerly CS 333.) This course is designed to further improve advanced language competency of relatively pragmatic Chinese. Reading and discussion of a wide variety of contemporary materials chosen with the needs of students about to live and study in a Chinese-speaking country will be given special emphasis. (CS 302.) Mr. Berninghausen.

CS 401 CLASSICAL CHINESE: INTRODUCTION TO WENYAN (IN CHINESE). Fall.

CS 402 CLASSICAL CHINESE: INTRODUCTION TO WENYAN (IN CHINESE). Spring.

CS 425 SENIOR SEMINAR IN CHINESE CULTURE AND CIVILIZATION (IN CHINESE). Fall. New Course. Intensive study of significant readings in Chinese culture and language along with a few literary texts. Emphasis will be given to further developing the student's writing skills while maintaining oral fluency. Several compositions required. Videotapes will accompany this course. (CS 400 or equivalent.) Mr. Chiang.

CS 475 SENIOR SEMINAR ON CHINESE FICTION (IN CHINESE). Spring.

CS 700 SENIOR THESIS. Fall.

CS 700/WT SENIOR THESIS. Winter.

CLASSICAL STUDIES PROGRAM

Required for the major in Classical Studies:

*CL 150 THE ANCIENT EPIC and
*PS 101 INTRODUCTION TO POLITICAL SCIENCE

Other courses listed remain the same until further notice.

CLASSICS

Professor: William Harris. Associate Professors: Eve Adler (chairman), Ursula Heibges. Instructor: Diane Legomsky.

COURSES IN ENGLISH

CL 110 INTRODUCTION TO GREEK STUDIES. Deleted.

CL 111 INTRODUCTION TO ROMAN STUDIES. Deleted.

CL 112 INTRODUCTION TO ANCIENT SOCIETY: THE GREEKS. Fall. New Description. This course is designed to introduce the student to a wideranging view of the Hellenic world which includes literature, history, social attitudes, science and the daily specific fabric which makes Greek life in the ancient world different from every other period. A reading list embracing ancient sources read in English, and individual research on specific topics of interest to the student or akin to his major, are the framework of the term's work. Topics are presented, directed specifically toward the class as accumulating information, in hour long sessions, followed by comment, criticism and review, by the group and the professor, who will present some topics of his own as a member of the class. The course is directed toward students who can work on their own, but want to share their findings in an interested seminar setting. Mr. Harris.

CL 113 INTRODUCTION TO ANCIENT SOCIETY: THE ROMANS. Spring. New Course. Description is as above. Note that neither course is prerequisite for the other, but the two taken together should provide a synoptic view of the old Mediterranean world. Mr. Harris.

*CL 121 THE CLASSICAL TRADITION OF THE LIBERAL ARTS AND SCIENCES. Spring. New Description. A study of major literary and philosophic works which address themselves to the essential and enduring problems of liberal education. The reading will be organized both historically and by topics: Socrates and Athens; rhetoric and Rome; pagans and Christians; ancients and moderns. Works by Plato, Aristophanes, Xenophon, Cicero, Quintilian, Augustine, Bacon, Vico. Ms. Adler.

*CL 150 THE ANCIENT EPIC. Fall.

*CL 152 GREEK TRAGEDY. Spring. New Description. Tragedy, as a literary genre, and as a representation of the truth about human life, will be approached through close study of selected tragedies of Aeschylus, Sophocles and Euripides. Ms. Legomsky.

(CL 155 GREEK AND ROMAN COMEDY)

*CL 216 HISTORY OF GREECE. Fall. New Description. Replace the final sentence of the course description with: The chief texts for this course will be the writings of the Greek historians, especially Herodotus and Thucydides. Ms. Legomsky.

(CL 217 HISTORY OF THE ROMAN REPUBLIC)

(CL 220 INTRODUCTION TO GREEK SCIENCE)

(CL 317 PLATO) (Formerly CL 417)

CL 417 PLATO (Changed to CL 317--see above.)

(CL 450 HISTORY OF GREEK LITERATURE (IN TRANSLATION))

GREEK

CL 103 BEGINNING GREEK. Fall. Ms. Adler.

CL 204 INTERMEDIATE GREEK. Spring. Ms. Legomsky.

CL 206 INTRODUCTION TO BIBLICAL HEBREW. Spring. New Course. This course will be devoted to study of selected portions of the Hebrew Bible, with attention to the

completion and refinement of students' knowledge of Hebrew and approaches to interpreting the Biblical Text (Introduction to Biblical Hebrew (Winter Term) or equivalent (by examination)). Staff.

CL 303 GREEK POETRY: HOMER. Fall. Staff.

CL 304 GREEK PROSE. Spring. Staff.

CL 403 ADVANCED GREEK POETRY. Fall. Staff.

CL 404 ADVANCED GREEK PROSE. Spring. Staff.

(CL 452 HISTORY OF GREEK LITERATURE)

LATIN

(CL 101 BEGINNING LATIN)

(CL 202 INTERMEDIATE LATIN)

(CL 301 LATIN PROSE)

CL 302 LATIN POETRY. Spring. Staff.

CL 401 READINGS IN LATIN LITERATURE I. Fall. Staff.

CL 402 READINGS IN LATIN LITERATURE. Spring. Staff.

SENIOR COURSES

(CL 420 SEMINAR IN CLASSICAL LITERATURE)

CL 700 SENIOR ESSAY FOR CLASSICAL STUDIES MAJORS. Fall. Spring.

CL 701 GENERAL EXAMINATION FOR CLASSICAL STUDIES MAJORS. Spring.

COMPUTER SCIENCE

Change all references to MA 223 to MA 214.

CREATIVE AND EXPOSITORY WRITING

In addition to courses in poetry, fiction and nonfiction, courses in playwriting are offered to Middlebury students.

PROGRAM IN EAST ASIAN STUDIES

MASTER LIST

Delete: CS 220 MODERN CHINESE AND ASIAN FICTION IN TRANSLATION (Changed to CS 120)
HI 336 TRADITIONAL JAPAN II (Incorporated with HI 335 TRADITIONAL JAPAN)
HI 426 WRITING AND RESEARCH: EAST ASIA
PA 251 JAPANESE PHILOSOPHY IN LITERATURE I
PA 252 JAPANESE PHILOSOPHY IN LITERATURE II
PS 404 THE GLOBAL POLITICAL ECONOMY

Add: CS 120 MODERN CHINESE AND ASIAN FICTION IN TRANSLATION (Formerly CS 220)
CS 425 SENIOR SEMINAR IN CHINESE CULTURE AND CIVILIZATION (IN CHINESE)
PA 253 CONFUCIANISM AND THE CONFUCIAN TRADITION IN EAST ASIA
PA 256 HISTORY OF JAPANESE THOUGHT

ALTERNATIVE A/Section I.
Required of all majors under this option
HI 331 IMPERIAL CHINA

Plus one of the following:

RE 215 SHINTO: JAPANESE INDIGENOUS RELIGIOUS BELIEFS

HI 335 TRADITIONAL JAPAN
PA 253 CONFUCIANISM AND THE CONFUCIAN TRADITION IN EAST ASIA
PA 256 HISTORY OF JAPANESE THOUGHT

Plus one of the following: No change.

Plus two of the following: No change, except CS 220 has been renumbered CS 120.

Plus a course chosen in consultation with the program chairman that is judged to provide extra preparation in a specific discipline or methodology for writing the EAS senior thesis. Often taken in the fall of the junior year, it may be taken in the preceding spring semester. Among the possible choices would be AR 400, CS 260, HI 424, PA 231, PS 404, RE 210, SA 356.

Plus two additional courses selected from the master list.

Section II. No change.

Section III. No change in program copy.

HI 426 WRITING AND RESEARCH, EAST ASIA. Deleted.

EA 700 SENIOR THESIS. Fall. Staff.

EA 700/WT SENIOR THESIS. Winter.
For Alternative B, see the final page of this supplement.

ECONOMICS

Professors: Michael Claudon (chairman), Richard Cornwall, David Smith. Associate Professor: Paul Sommers. Assistant Professors: Paul Albanese, David Audretsch. Christian A. Johnson Distinguished Professor: David C. Colander.

I. THE MAJOR. Change the first two sentences to: Beginning with the Class of 1984, the Economics major consists of four sequences. Introductory Sequence: EC 150, EC 155, MA 112 and MA 115 (or MA 113 and MA 200).

All other program copy remains the same, with the following exceptions: Elective Sequence: Change to: At least four electives, two of which must be at the "400" level. One 400-level course must be completed at Middlebury.

Honors: Change first sentence to: Seniors interested in earning Honors in economics may enroll in EC 800 during fall and winter terms or during winter and spring terms.

II. ECONOMIC CONCENTRATIONS. No change.

III. POST-GRADUATE PREPARATION. Change paragraph 3 to: Taking MA 113 and MA 200 in addition to MA 112 and MA 115 provides much more adequate preparation for graduate study in either economics or business than does MA 115 alone.

Change paragraph 5 to: Because of widespread use of computers in both M.B.A. and Ph.D. programs, majors should become familiar with computer programming by completing MA 103 and preferably MA 213.

IV. INTERNATIONAL MAJOR IN POLITICS AND ECONOMICS. New major. See Political Science department copy for relevant information.

EC 100 BASIC ELEMENTS OF THE AMERICAN ECONOMY. Fall, Spring. Students who have completed either EC 150 or EC 155 will not receive credit for EC 100.

EC 150 INTRODUCTORY ECONOMICS (MACRO). Fall, Spring.

EC 155 INTRODUCTORY ECONOMICS (MICRO). Fall, Spring.

EC 210 ECONOMIC STATISTICS. Fall.

EC 211 ECONOMIC STATISTICS: INTRODUCTION TO REGRESSION ANALYSIS. Spring. Mr. Audretsch.

EC 300 CURRENT PROBLEMS IN ECONOMIC POLICY. Spring. New Course. An analysis of the currently popular "solutions" to unemployment, growth, the deficit, and the debt crisis. Topics such as supply side economics, industrial policy, incomes policies, gold standards, and proposals for restructuring debt will all be considered. (EC 150 and 155.) Mr. Colander.

EC 310 ECONOMICS OF INVESTING IN SECURITIES. Fall. New Course. This course looks at the perils and promises for investors in financial securities. We explore the range of securities currently available to investors and the wisdom offered by economics on various investment strategies. Theories of choice under uncertainty, portfolio theory and beta analysis are developed. (EC 150 and EC 155.) Mr. Cornwall.

EC 315 ACCOUNTING. Fall, Spring.

EC 320 THE CORPORATION. Spring.

EC 325 POPULATION ECONOMICS. Fall. New Course. Economic theory is applied to an analysis of the historical process known as the demographic transition. Emphasis will be placed on investigating economic theories of fertility determination, the role of changes in tastes or preferences in explaining changes in family size, and interdisciplinary approaches which expand the scope of economic analysis. (EC 155.) Mr. Albanese.

EC 350 MACROECONOMIC THEORY. Fall. New Description. Macroeconomic theory provides a framework in which the major forces affecting interest rates, unemployment, inflation and growth can be isolated and their influence on aggregate activity analyzed. It considers whether it is possible to control the aggregate economy providing a basis for understanding many of the economic policy debates emanating from Washington. (EC 150, EC 155, MA 112 and MA 115. MA 115 may be taken concurrently.) Mr. Colander.

EC 355 MICROECONOMIC THEORY. Spring.

EC 360 INDUSTRIAL ORGANIZATION. Fall. New Description. The structure and performance of American industry are examined in the light of economic theory. Public policies toward business are reviewed and evaluated. (EC 155.) Staff.

EC 365 ENVIRONMENTAL ECONOMICS. Fall.

EC 380 RADICAL ECONOMICS. Deleted.

EC 385 LABOR ECONOMICS. Deleted.

EC 394 THE ECONOMICS OF NATURAL RESOURCE MANAGEMENT. Deleted.

(EC 404 TOPICS IN ECONOMIC THEORY AND POLICY)

(EC 410 ECONOMETRICS). Offered in spring of even-numbered years. Not offered in 1984-85.

EC 415 POPULATION ECONOMICS. Deleted.

EC 420 THE ECONOMICS OF DEVELOPMENT. Spring. New Course. An analysis of the origins of economic growth and the structural changes which occur in the course of economic development. The current experience of underdeveloped countries will be compared with the historical experience of developed countries. (EC 210 and EC 350 or permission.) Mr. Albanese.

(EC 430 INEQUALITY AND POVERTY) Offered in 1985-86.

EC 440 THE ECONOMICS OF INTERNATIONAL TRADE. Spring. New Prerequisites.

(EC 355.) Staff.

EC 445 INTERNATIONAL FINANCE. Fall. New Prerequisites. (EC 350.)

EC 450 HISTORY OF ECONOMIC THOUGHT. Spring. New Description. This course offers an historical and analytical perspective on the social innovation of the conceptual frameworks we use to understand wealth and scarcity. We look at who invented economic ideas, what might have stimulated this invention and what the role is of ideology in the development of economic theories. (EC 350 and EC 355.) Mr. Cornwall.

EC 455 INDUSTRIAL STRATEGIES. Spring. New Course. An analysis of industrial decision-making within a framework involving the decision sciences and micro-economic theory. The course will apply microeconomic optimization techniques, regression analysis, and forecasting techniques to managerial decisions aimed at achieving a firm's established goals. (EC 210 and EC 355 or permission.) Mr. Claudon.

EC 460 INDUSTRIAL ORGANIZATION. Deleted.

EC 465 PUBLIC POLICY TOWARD BUSINESS. Fall.

EC 470 PUBLIC FINANCE. Fall. Mr. Sommers.

EC 475 MONETARY THEORY AND FINANCIAL INSTITUTIONS. Spring. Mr. Colander.

EC 500 INDIVIDUAL SPECIAL PROJECTS. Fall, Spring.

EC 750 SENIOR THESIS (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.

EC 800 SENIOR RESEARCH FOR HONORS. Fall, Spring.

ENGLISH

Professors: Paul Cubeta, Robert Hill, David Littlefield, Edward Martin (chairman), Robert Pack, Henry Prickitt. Associate Professors: John Bertolini, John Elder, Gary Margolis (part-time), Jay Parini, David Price. Assistant Professors: Ray Carney, Elizabeth Napier. Visiting Professor: John Wilders. Visiting Associate Professor: Sydney Lea (on leave). Visiting Assistant Professor: Susan Mitchell. Visiting Instructor: Kathleen Skubikowski (part-time).

FRESHMAN WRITING COURSES

Add EL 125 to list of courses that satisfy the freshman writing requirement.

EL 101 NARRATIVE FICTION. Fall, Spring. Mrs. Napier, Mr. Martin, Mr. Prickitt.

EL 103 LYRIC AND NARRATIVE POETRY. Fall, Spring. Mr. Cubeta, Mr. Hill, Mr. Littlefield.

EL 104 DRAMA: CLASSICS AND COMMERCIALS. New Description. A comparison of classic and contemporary forms of drama through the juxtaposition of classic stage plays with contemporary films, television, and performance pieces. A play by Shakespeare or Pinter may be compared with a Hollywood movie, the dramatic structure of a scene in Chekhov with that of a scene in a recent television show or a work by Neil Simon. Readings outside the area of drama will occasionally be included in order to help clarify the unique expressive capacities of dramatic forms. Critical writing, in the form of regular film and drama "reviews" of the works under discussion, will be used as a means of developing the capacity for critical thought and expression. Mrs. Skubikowski, Mr. Carney. Spring.

EL 105 DRAMA. Fall, Spring.

EL/TH 125 SHAKESPEARE. Fall, Spring. New Course. Close examination of selected scenes from A Midsummer Night's Dream, The Merchant of Venice, Henry IV Parts 1 and

2, Julius Caesar and Hamlet. Consideration will be given to the constituent parts of each play--construction, character, theme and language--but the major emphasis will be on the effects created in performance on an audience. Students should be willing to take part in dramatic readings. Mr. Wilders.

EL 107 JOURNAL AND ESSAY. Fall. (Permission. See department copy on p. 138 of the Catalogue.)

(EL 160 THE STRUCTURE OF NONFICTION)

EL 170 THE STRUCTURE OF FICTION. Fall, Spring. Staff.

EL 175 THE STRUCTURE OF POETRY. Fall, Winter. Ms. Mitchell, Mr. Margolis.

Major Program. Required for a Major in English are (1) Interpretation of Literature: EL 201 and EL 202; (2) Distribution Courses: four courses in literature, one chosen from each of the following groups: (I) EL 301, 302, 303, 224; (II) EL 206, 304, 305; (III) EL 207, 213, 314, AL 301; (IV) EL 208, 309, 312, 229, AL 302, AL 304, AL 307; (3) Shakespeare (EL/TH 225, EL 321); (4) a Field (five courses in Drama, Novel, Poetry, or Creative Writing, one of which is a seminar) (5) the Senior program. Majors graduating in 1985 are required to take a seminar but need not complete the requirements for a Field. Majors graduating in 1986 are not required to take EL 202.

Fields: A Field is a minimum of four courses informed by a coherent principle plus a seminar in a subject appropriate for the field. Up to two of the same courses - but no more than two - may be used to fill both Distribution and Field requirements.

Drama: (1) EL 227 or CL 152 or CL 155; (2) EL 224; (3) EL/TH 225 or EL 321; (4) EL 229 or TH 226 or TH 326; (5) a seminar. Novel: (1) EL 206; (2) EL 207; (3) EL 208; (4) AL 301 or 302 or EL 309; (5) a seminar.

Poetry: The Lyric Tradition: (1) EL 103 or EL 175 or EL 202; (2) EL 303 or EL 304; (3) EL 213 or EL 314; (4) EL 312 or AL 304 or AL 307; (5) a seminar. Creative Writing - Poetry: (1) EL 175 or EL 170 or EL 107 or EL 160; (2) EL 275; (3) EL 312 or EL 213 or EL 314 or AL 304 or AL 307; (4) EL 460; (5) a seminar. Creative Writing - Fiction and Nonfiction: (1) EL 107 or EL 160 or EL 170 or EL 175; (2) EL 260 or EL 270 or TH 218; (3) EL 207 or EL 208 or EL 309 or AL 301 or AL 302; (4) EL 460; (5) a seminar.

Remainder of the copy remains the same.

SENIOR PROGRAM. Add the following between paragraphs 2 and 3: Departmental honors will be determined on the basis of course grades, essay or thesis grade, and the general examination grade. For Honors in any of the three categories -- Honors, High Honors, Highest Honors -- College rules specify a minimum average of B in course grades and a minimum grade of B on the Essay or Thesis. To qualify for Highest Honors the Department requires a minimum of B+ in each of the three areas (course-grades average, thesis or essay, and the general examination). In determining the numerical average of course grades all courses designated EL will be counted as will all other courses which fulfill distribution requirements for the major.

LITERATURE

(*EL 110 CONTINENTIAL FICTION)

(*EL 111 EUROPEAN DRAMA: RENAISSANCE TO MODERN)

(*EL 112 MYTHOLOGIES TIMELESS AND TIMELY, TRADITIONAL AND CONTEMPORARY)

*EL/AL 113 VISIONS OF NATURE. Fall. New Course. We will examine a variety of responses to nature over the past two centuries. Among the principal themes to be followed up will be the Romantic connection of autobiography with landscape, the development of a wilderness-ethic from the revaluation of mountainous terrain, and the re-emergence of natural history as a literary genre. Writings by Gilbert White, William Wordsworth, R. W. Emerson, H. D. Thoreau, Charles Darwin, John Muir, Clarence King, Mary Austin, J. W. Krutch, Aldo Leopold, and A. R. Ammons will

figure prominently in the syllabus. In addition we will look at the paintings of John Constable, Frederick Church, Martin Johnson Heade, and Georgia O'Keefe, and at the photography of Ansel Adams and Eliot Porter. Mr. Elder.

Those intending to major in English are advised to complete the EL 201-202 sequence before they elect courses above the 200-level.

EL 201 INTERPRETATION OF LITERATURE: CHAUCER, SHAKESPEARE, MILTON. Fall, Spring. New Description. In this course students will study and discuss selections from Chaucer's Canterbury Tales, two of Shakespeare's plays and Milton's Paradise Lost in its entirety. Taught in sections of limited size; frequent writing assignments. (Open to sophomores and freshmen who have completed the Freshman Writing requirement, who intend to major in English, American Literature and Civilization, or Literary Studies; open to other students, space permitting.) Staff.

EL 202 INTERPRETATION OF LITERATURE: MAJOR POETS FROM THE EIGHTEENTH TO THE TWENTIETH CENTURY. Fall, Spring. New Description. A course designed as a continuation of EL 201. Students will read selected poems by five or six of the following: Pope, Blake, Wordsworth, Keats, Tennyson, Arnold, Yeats, Eliot. Taught in a lecture format with quizzes and/or short papers and a final exam. (EL 201 or permission.) Mr. Hill, Mr. Pack.

Courses below that fill departmental requirements are so indicated by the number of the group (I, II,III or IV in parentheses), and (WS) for the Shakespeare requirement.

EL 205 THE VISION OF NATURE. Deleted. (Changed to *EL/AL 113)

EL 206 EARLY ENGLISH NOVEL (II). Spring. New Description. The development of the English novel in the 18th century. Novelists include Defoe, Richardson, Fielding, Sterne and Lewis. Mrs. Napier.

EL 207 NINETEENTH CENTURY ENGLISH NOVEL (III). Fall, Spring. Mr. Parini, Mr. Prickitt.

EL 208 TWENTIETH CENTURY ENGLISH NOVEL (IV). Fall, Spring. Mr. Price, Mr. Elder.

EL 209 CONTEMPORARY LITERATURE (IV). Changed to EL 309. See below.

(EL 211 CLASSICS OF LITERATURE: THE ANCIENT EPIC)

EL 212 MODERN BRITISH POETRY (IV). Changed to EL 312. See below.

EL 213 ENGLISH ROMANTICISM (III). Formerly EL 313. Fall.

EL 224 MEDIEVAL AND RENAISSANCE DRAMA (I). Fall.

EL/TH 225 SHAKESPEARE'S COMEDIES (WS) Spring. New Course. Close examination of selected scenes from A Midsummer Night's Dream, The Merchant of Venice, Much Ado About Nothing, As You Like It, Twelfth Night and Measure for Measure. Emphasis will be placed on the dramatic rather than the literary elements but this will necessitate discussion of construction, character, language and theme. Since the course will be taught partly by performance, students should be able and willing to take part in dramatic readings. Mr. Wilders.

EL 227 GREEK COMEDY. Fall. New Description. Intensive study of major works of Aristophanes, principally The Clouds, The Birds, Lysistrata, and The Frogs, and selected writings by Thucydides (The Peloponessian War) and Plato (The Apology, The Symposium), which illuminate the social, political, religious, and intellectual contexts out of which they arise, and which they address. Mr. Littlefield.

(EL 229 MODERN BRITISH DRAMA (IV)). Offered in 1985-86.

(EL 301 CHAUCER (I))

(EL 302 MEDIEVAL LITERATURE (I)). Offered in 1985-86.

EL 303 ENGLISH LITERATURE OF THE SIXTEENTH CENTURY (I). Spring.

AL 304 MODERN AMERICAN POETRY. Deleted.

EL 304 ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY (II). Fall. New Course. Studies of the poetry of Donne, Jonson, Herbert, Herrick, Marvell, Rochester and Butler, and several minor poets. A selection of poems will be examined in close detail and an attempt will be made to discover the distinctive achievement of each poet and the distinguishing chracteristics of the poetry of this period generally. Mr. Wilders.

(EL 305 POETRY AND PROSE OF THE ENGLISH AUGUSTAN AGE (II)). Offered in 1985-86.

EL 309 CONTEMPORARY LITERATURE (IV). Formerly EL 209 . Fall. New Description. Readings in contemporary fiction, non-fiction, poetry, and drama, We will focus on literature as as effort to capture the forms and forces of contemporary life, writing as an expression of the ways we live today. Authors to be read include: Samuel Beckett, Eudora Welty, Harold Pinter, Robert Lowell, Norman Mailer, Stevie Smith, Vladimir Nabokov, Stanley Elkin, and Sam Shepard. (Formerly EL 209). Mr. Carney.

EL 312 MODERN BRITISH POETRY (IV) Formerly EL 212 . Spring. Mr. Price.

EL 313 ENGLISH ROMANTICISM (III). Deleted.

EL 314 VICTORIAN POETRY (III). Spring.

EL 321 SHAKESPEARE (WS). Fall, Spring.

(HI 350 ENGLISH HISTORY AS A BACKGROUND FOR ENGLISH LITERATURE)

SEMINARS

AL 307 TOPICS IN TWENTIETH CENTURY AMERICAN POETRY: FROST AND STEVENS. Fall. See description under American Literature and Civilization. Mr. Pack.

EL 401 SEMINAR: ROMANCE. Fall. New Description. Toward a theory of romance literature written in English: its representative subjects, themes, attitudes; its visions both of inner and outer nature, and elements of style. We will read works from Old English poetry to the twentieth century, as well as several satires of the convention: Beowulf; Sir Gawain and the Green Knight; Chaucer's Troilus and Criseyde; selections from Malory's Morte d'Arthur; Shakespeare's Troilus and Cressida; Pope's "Rape of the Lock"; Bronte's Jane Eyre; Tennyson's "Idylls of the King"; D. H. Lawrence's Lady Chatterley's Lover; William Faulkner's Sanctuary; John Irving's The World According to Garp. Regular seminar reports, several short papers, and one longer paper are required. (Please apply at department office). Mr. Martin.

EL 402 SEMINAR: THE BRONTES. Spring. New Description. The major works and Juvenilia of Charlotte, Emily, Anne, and Branwell Bronte, with attention to biographical backgrounds. Novels will include Charlotte Bronte's Jane Eyre, Shirley, and Villette, Emily Bronte's Wuthering Heights, and Anne Bronte's Agnes Gay. (Please apply at department office). Mrs. Napier.

EL 403 SEMINAR: DICKENS. Fall. New Description. This seminar will examine in detail several of the major novels of Charles Dickens, including Pickwick Papers, Oliver Twist, David Copperfield, Bleak House, and Great Expectations. The author's life and times will be taken into account, as well as the critical reponse to his work in recent years. (Please apply at department office). Mr. Parini.

EL 404 SEMINAR: THE PASTORAL TRADITION. Spring. New Description. The term pastoral describes an arcadian poetry of shepherds and nymphs. But it also invokes a much broader range of literature that has, by reacting to such poetic conventions, refined its own divergent images of natural and social harmony. Among the works

through which we will explore the pastoral tradition will be Theocritus' Idylls, Virgil's Eclogues, Spenser's The Sheheardes Calendar, Sidney's Arcadia, Shakespeare's As You Like It and The Tempest, Milton's "Lycidas," Gilbert White's Natural History of Selborne, William Cobbett's Rural Rides, Wordsworth's Lyrical Ballads, Hardy's Far From the Madding Crowd, Kenneth Grahame's The Wind in the Willows, Lawrence's Lady Chatterley's Lover, and the poetry of Frost. (Please apply at department office). Mr. Elder.

EL 405 SEMINAR: WORDSWORTH AND COLERIDGE. Spring. New Description. Extensive readings in the poetry and critical writings of Wordsworth and Coleridge with particular attention to their theories of the creative process, the imagination, and poetic diction; intensive readings of Coleridge's "conversation poems" and Wordsworth's "Tintern Abbey," "Intimations of Immortality," and "The Prelude." We will also examine the growth of the meditative poem. (Please apply at department office). Ms. Mitchell.

EL 406 SEMINAR: D. H. LAWRENCE. Fall. New Description. Though he scandalized the literary-critical establishment in the first decades of the century with his novels and short stories, and is chiefly remembered for them, D. H. Lawrence was also an accomplished painter, a poet, an essayist and author of several psychological and philosophical studies, and a literary critic. In this seminar we will attempt to come to grips with Lawrence the man and the artist in his eccentric totality, and to understand how he affected literature and continues to affect our lives today. (Please apply at department office). Mr. Carney.

EL 407 SEMINAR: WILLIAM BUTLER YEATS. Deleted.

EL 410 SEMINAR: GEORGE BERNARD SHAW. Deleted.

EL 421 SEMINAR: SHAKESPEAREAN TRAGEDY (WS). Deleted.

EL 422 SEMINAR: CONTEMPORARY BRITISH DRAMA. Spring. New Description. Recent plays by Samuel Beckett, Harold Pinter, Simon Gray, Peter Shaffer and Tom Stoppard, among others, will be studied. (Please apply at department office). Mr. Bertolini.

WRITING

TH 218 INTERMEDIATE WORKSHOP: PLAYWRITING I. See description under Theatre, Dance and Film.

(EL 260 INTERMEDIATE WORKSHOP: NONFICTION)

EL 270 INTERMEDIATE WORKSHOP. FICTION. Fall, Spring. Mr. Martin, Mr. Parini.

EL 275 INTERMEDIATE WORKSHOP. POETRY. Fall. Mr. Pack.

EL 460 ADVANCED WRITING. Fall, Spring. New Prerequisites. (EL 260 or EL 270 or EL 275 or TH 218 and permission.)

SPECIAL PROJECTS

EL 500, 520, 560 SPECIAL PROJECTS. Fall or Spring.

SENIOR PROGRAM

EL 700 SENIOR ESSAY. Fall, Spring.

EL 705 GENERAL EXAMINATION. Winter.

EL 710 HONORS THESIS. Fall, Spring.

FRENCH

Professors: Simon Barenbaum, Edward Knox. Associate Professors: Nancy O'Connor, Carol Rifelj (at Middlebury in Paris). Assistant Professors: Mireille Barbaud, Claire Schub. Visiting Instructors: Stephanie Eberhart, Philippe France. Lecturers: Huguette Knox, Martine Prieto.

ENVIRONMENTAL STUDIES No change.

Major Program. In paragraph 2, add FR 311 to the courses designed with a major socio-cultural component, and delete HI 317 and add HI 346 to the list of courses in other departments which deal with France.

Note: Students interested in studying in Paris on the Junior Year program should contact the Dean of the French School before registering for their sophomore year.

FR 101 INTENSIVE BEGINNING FRENCH. Winter.

FR 102 BEGINNING FRENCH. Spring. New Prerequisite. (FR 101.)

FR 201 INTERMEDIATE FRENCH. Fall.

FR 202 INTERMEDIATE FRENCH. Fall, Spring.

FR 203 INTERMEDIATE FRENCH. Fall. New Course. Intended for students who have completed FR 101 and FR 102 at Middlebury, this course will provide a thorough review of French grammar while introducing readings of literary and cultural texts. Oral skills will continue to be stressed. Ms. Eberhart.

PREREQUISITES TO THE MAJOR (Required are FR 205 and two or three of the other four courses listed.)

FR 205 TOWARD LIBERATED EXPRESSION. Fall, Spring.

FR 206 INTRODUCTION TO CONTEMPORARY FRANCE. Fall, Spring. Mr. France, Mr. Knox.

FR 207 INTRODUCTION TO FRENCH POETRY. Spring.

FR 208 INTRODUCTION TO FRENCH THEATER. Fall, Spring.

FR 209 INTRODUCTION TO FRENCH PROSE. Fall, Spring.

LANGUAGE, LITERATURE, CIVILIZATION

(*FR 115 REALISM: FRENCH FICTION FROM STENDHAL TO PROUST)

FR 215 IMPROVING WRITING IN FRENCH. Spring.

FR 222 FACETS OF A CHANGING FRANCE. Spring. Mr. Barenbaum.

FR 305 ADVANCED PRACTICE IN WRITTEN FRENCH. Fall.

(FR 310 LITERATURE AND SOCIETY IN THE ANCIEN REGIME)

FR 311 VOLTAIRE, DIDEROT AND THE FRENCH ENLIGHTENMENT. Spring. New Course. The focus will be on two of the most important thinkers of the 18th century. Through a careful reading of representative works we will identify the various concerns and philosophical positions that were both the product of a particular climate of opinion and its renewal. Particular attention will be paid to the portrayal of what his destiny might be. Readings will include: Lettres Philosophiques, Romans et Contes; Diderot, Pensees Philosophiques, Supplement au Voyage de Bougainville, selections from the Encyclopedie, Jacques le Fataliste. Ms. O'Connor.

(FR 312 THE EIGHTEENTH CENTURY NOVEL AND THE IMAGE OF WOMEN)

FR 313 FRENCH CIVILIZATION IN THE TWENTIETH CENTURY. Fall.

FR 315 THE NINETEENTH CENTURY NOVEL. Spring. New Description. The course will study major novels of Stendhal, Balzac, Flaubert, and Zola, including an examination of the interrelations of literary works and socio-cultural conditions. Ms. Prieto.

(FR 316 NINETEENTH CENTURY POETRY: DISILLUSION, DREAM AND ILLUSION)

FR 317 TWENTIETH CENTURY DRAMA: L'ACTE ET LE PAROLE. Fall.

(FR 318 TWENTIETH CENTURY POETRY)

FR 320 THE TWENTIETH CENTURY NOVEL. Fall.

FR 321 FROM THE BAROQUE TO THE CLASSICAL STAGE. Fall.

FR 324 CULTURE AND IDENTITY IN FRANCOPHONE LITERATURE. Spring. New Description. We will explore the voices of the French speaking world outside of France: Quebec, Africa, and the Caribbean, and the problems and struggles of cultural identity, exile, colonization, and independence which they express. Novelists, essayists and poets will include: Senghor, Cesaire, Brouard, Fanon, Memmi, Hebert, Blais, Grandbois. Ms. Schub.

(FR 442 WORKSHOP IN FRENCH THEATER OR RADIO)

FR 500 INDEPENDENT PROJECTS. Fall, Spring.

FR 700 SENIOR RESEARCH. Fall, Winter, Spring.

FR 704 SENIOR SEMINAR: TWENTIETH CENTURY POETRY. Spring. New Description. Special attention will be given to the Surrealist movement. We will study its effects on 20th century poets - including Eluard, Aragon, Reverdy, Supervielle, Max Jacob and others. Ms. Barbaud.

GEOGRAPHY

Professor: J. Rowland Illick. Assistant Professors: Robert Churchill (chairman), on leave fall and winter terms), Susan Cowart, plus an additional faculty member, yet to be hired.

INTRODUCTORY COURSE

*GG 100 GEOGRAPHY: A MODERN SYNTHESIS. Fall, Spring. Ms. Cowart.

NS 150 ENVIRONMENTAL SCIENCE (See Division of Natural Sciences.)

CORE COURSES

GG 201 TECHNIQUES OF ENVIRONMENTAL ANALYSIS. Fall. Staff.

GG 202 CARTOGRAPHY AND GRAPHICS. Spring. New Prerequisites. (GG 201 or equivalent recommended.)

GG 250 PHYSICAL EARTH PROCESSES. Fall. Staff.

GL 252 GEOMORPHIC PROCESS. Spring.

GG 260 HUMAN GEOGRAPHY. Spring.

GG 300 RESEARCH METHODS IN GEOGRAPHY. Spring. Staff.

(GG 301 ADVANCED QUANTITATIVE METHODS IN GEOGRAPHY)

GG 400-LEVEL SEMINARS

GG 451 SEMINAR IN ECONOMIC GEOGRAPHY. Spring. Staff.

GG 452 SEMINAR IN PHYSICAL GEOGRAPHY. Fall. Staff.

(GG 453 SEMINAR IN QUANTITATIVE METHODS IN GEOGRAPHY)

GG 454 SEMINAR IN URBAN GEOGRAPHY. Fall. Staff.

NON-CORE COURSES

GG 330 SOUTH AND EAST ASIA. Spring.

GG 331 MIDDLE EAST AND NORTH AFRICA. Fall.

(GG 351 THE URBAN WORLD: PATTERNS, PROBLEMS AND POLICIES)

GG 352 THE GEOGRAPHY OF DEVELOPMENT. Fall.

GG 353 NATURAL HAZARDS. Spring. Staff.

GG 354 WEATHER AND CLIMATE. Spring.

GG 355 POLITICAL GEOGRAPHY. Fall.

GG 500 RESERACH IN GEOGRAPHY. Fall, Spring.

GG 700 SENIOR RESEARCH. Fall, Winter, Spring.

GEOLOGY

Professor: Brewster Baldwin (chairman). Associate Professor: William Glassley. Assistant Professors: Raymond Coish (on leave winter and spring terms), Peter Goreau, plus one new faculty member not yet hired.

*GL 102 DYNAMIC EARTH. Spring. Staff.

GL 112 ENVIRONMENTAL GEOLOGY. Spring.

NS 150 ENVIRONMENTAL SCIENCE. (See Division of Natural Sciences.)

GL 161 ELEMENTS OF OCEANOGRAPHY. Fall.

*GL 171 GLOBAL TECTONICS. Fall.

GL 201 BEDROCK GEOLOGY OF VERMONT. Fall.

GL 252 GEOMORPHIC PROCESSES. Spring.

GL 261 SEDIMENTARY ROCKS. Fall. New Course. Study of minerology, texture, primary structures, and fossils, to determine environments of depositions, depositional systems, and facies relationships. Laboratory: description and interpretation of sedimentary rocks in the field, hand specimen, and thin section; invertebrate fossils. 3 hrs. lect., 3 hrs. lab. (GL 102 , or 112, or 161, or 171, or permission.) Staff.

(GL 292 PLANETARY GEOLOGY)

GL 342 MARINE GEOLOGY. Spring.

GL 381 STRUCTURAL GEOLOGY. Fall. New Description. The behavior of earth materials in a dynamic earth. Geometric and kinematic analysis of deformed rocks. Regional tectonic setting of earth structures. Laboratory: detailed mapping and interpretation of complex structures in selected field locations; quantitative analysis and interpretation of deformation as seen on maps and aerial photographs; stereographic analysis of complex fabrics from varied local field areas. 3 hrs. lect., 4 hrs. lab. (A geology course and permission.) Mr. Glassley.

GL 392 IGNEOUS PETROLOGY. Spring.

GL 461 STRATIGRAPHY AND PALEONTOLOGY. Deleted.

GL 462 TECTONIC STRATIGRAPHY. Spring. New Course. Geologic age and correlation of stratigraphic sequences; association of sequences with tectonic setting; regional analysis. Laboratory: study of selected regions. 3 hrs. lect., 3 hrs. lab. (GL 261 or permission.) Staff.

GL 482 GEOPHYSICS. Spring.

GL 491 METAMORPHIC PROCESSES. Spring.

GL 492 GEOLOGY SEMINAR. Fall.

GL 500 READINGS AND RESEARCH. Fall, Spring.

GL 700 SENIOR RESEARCH.

GL 750 SENIOR THESIS (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.

GERMAN

Professors: Thomas Huber (chairman), Kimberly Sparks, Van Horn Vail. Lecturer: Constance Kenna. Assistant: Sabine Stoll.

GN 101 ELEMENTARY GERMAN. Fall.

GN 102 ELEMENTARY GERMAN. Spring.

GN 201 INTERMEDIATE GERMAN. Fall.

GN 202 ADVANCED GERMAN. Spring.

(GN 301 ADVANCED WRITING AND INTRODUCTION TO LITERARY CRITICISM)

(GN 302 READINGS IN LITERATURE, HISTORY AND POLITICAL SCIENCE)

(GN 303 STYLISTICS)

(GN 305 THE GERMAN NOVELLE I)

GN 306 THE GERMAN NOVELLE II. Fall. New Description. This course will follow one genre, the Novelle, as it evolves through a century and a half of German writing. The aim of the course is to acquaint the student with the development of a form through several literary periods and with the companion critical concepts which serve it. Readings will range from Goethe to Kafka. Mr. Vail.

GN 307 THE GERMAN NOVELLE III. Spring. New Description. Modern German short stories and Novellen, written between the late 1940's and the present, will be analyzed to trace the concerns, preoccupations, themes and literary styles of contemporary German authors. Mr. Vail.

GN 310 GERMAN IN ITS CULTURAL CONTEXTS. Fall. New Description. In working with the vocabulary and syntactical structures for specific contexts, students will acquire an understanding of various aspects of contemporary German culture. Topics include the political system, the economy, and the banking system, education, Beamtentum and the social class structure, the leisure time industry and tourism, and the media. Ms. Kenna.

(GN 315 GERMAN DRAMA)

(GN 321 BUSINESS GERMAN AND GERMAN BUSINESS)

(GN 325 MODERN GERMAN POLITICS: THE CRISIS OF '82 AND THE ELECTIONS OF '83)

GN 360 BRECHT AND THE CULTURE OF WEIMAR GERMANY. Deleted.

GN 401 EMERGENCE OF GERMAN AS A LITERARY LANGUAGE. Spring. New Description. From late Baroque up to and including Sturm und Drang. In addition to dealing with selected literary works (including Simplizissimus, Minna von Barnhelm and Die Soldaten) as objects interesting in themselves, the course will study these works as a background for the age of Goethe and Schiller. Contrasting material from other writers of the era (e.g., Gottsched) will build a mosaic of aspects of Enlightenment. (Open to all students who have had GN 202 or its equivalent.) Mr. Huber.

(GN 402 THE ESTABLISHMENT OF GERMAN AS A LITERARY LANGUAGE)

(GN 406 ROMANTICISM)

GN 410 GERMAN LYRIC POETRY (SENIOR SEMINAR). Fall. New Description. An intro-

duction to the history and interpretation of German poetry. The first half of the course examines the poetic treatment of such grand preoccupations as Love, Hope, Death and Disease by juxtaposing poems drawn from the Baroque to the present. The last half of the course deals with modern movements and trends such as Dada, Expressionism, Konkrete Lyrik and Stochastic poetry. A short critical essay will be read each week. Several short exercises and one major paper. (A 300- or 400-level literature course in German.) Mr. Sparks.

(GN 420 MODERN GERMAN LITERATURE)

(GN 421 MODERN GERMAN DRAMA)

GN 422 INSIDERS AND OUTSIDERS: LITERATURE AND CULTURE OF THE WEIMAR YEARS. Deleted.

(GN 430 VIENNA--CULTURE AND LITERATURE (SENIOR SEMINAR))

GN 431 BERLIN--CULTURE AND LITERATURE. Fall. New Course. The interaction of a "cultural landscape" and literature from the age of Napolean to the collapse of the Third Reich will be studied in works by Kleist, Glassbrenner, Hauptmann, Brecht, Doblin and others. Movies will be used to provide a visual background and further topics for discussion, e.g. "M-Eine Stadt sucht einen Morder," "Grosstadtballade," "Rotation," and "Jeder stirbt fur sich allein". Mr. Huber.

GN 500 INDEPENDENT STUDY

GN 800 HONORS PROJECT

HISTORY

Professors: Nicholas Clifford (Provost), Travis Jacobs (chairman, on leave winter and spring terms), Marjorie Lamberti (on leave), John Spencer, Pardon Tillinghast. Associate Professor: John McCardell. Assistant Professors: Barbara Bellows, David Macey. Visiting Assistant Professors: Elizabeth Endicott-West, Bruce Nelson. Visiting Instructor: Paul Monod.

Major Program. In paragraph 3, change sentence 4 to: Initially, each major should take before the junior year at least one chourse in each of the following four groups: 1) HI 103 or 104; 2) HI 203; 3) HI 215 or 216; and 4) HI 225 or 226 or 235 or 236. Under special circumstances a student may receive permission to substitute another course.

HI 100-399 Lecture Courses. No Change.

HI 401-419 Readings Courses. Add: HI 413 and HI 415 are designed for students with a concentration in history.

HI 420-429 Research Seminars. No change.

HI 700 SENIOR INDEPENDENT STUDY. Fall, Winter, Spring.

HI 705 TEACHING ASSISTANTSHIP. Fall, Spring.

FOUNDATIONS COURSES

*HI 103 TURNING POINTS IN EARLY MODERN HISTORY. Fall.

*HI 104 MODERN REVOLUTIONS. Spring.

LECTURE COURSES

HI 203 UNITED STATES HISTORY: 1492-1861. Fall.

HI 204 UNITED STATES HISTORY: 1861-PRESENT. Spring.

(HI 215 HISTORY OF MODERN EUROPE: 1800-1900). Offered in 1985-86.

(HI 216 HISTORY OF MODERN EUROPE: 1900-1968). Offered in 1985-86.

*CL 216 HISTORY OF GREECE. Fall. (See Classics department copy for description.)

(CL 217 HISTORY OF THE ROMAN REPUBLIC)

HI 225 THE FOUNDATIONS OF MODERN AFRICA. Fall.

HI 226 MODERN AFRICA. Spring.

HI 235 MODERN EAST ASIA: 1750-1912. Fall.

HI 236 MODERN EAST ASIA: 1912-1976. Spring.

HI 331 IMPERIAL CHINA. Spring.

(HI 333 CHINESE INTELLECTUAL HISTORY)

HI 334 CHINESE INSTITUTIONAL AND SOCIAL HISTORY. Fall. New Description. A survey of state and society in imperial China with emphasis on continuities in governmental and social institutions past and present. Specific topics will include education and literacy, urban and rural life, peasant rebellions, the role of the merchant in Chinese history, and the question of despotism in China's political institutions. Ms. Endicott-West.

HI 335 TRADITIONAL JAPAN. Fall. New Description. (This course incorporates HI 335 and HI 336.) The course will be a general survey of society and culture of Japan from the earliest times to the fall of the Tokugawa Shogunate. Readings in a variety of primary source materials in translation, literary as well as purely historical. Mr. Miyaji.

HI 336 TRADITIONAL JAPAN II. Deleted. (Incorporated into HI 335.)

HI 338 MODERN MIDDLE EAST HISTORY. New Description. An introduction to the history of the Middle East with particular emphasis on the evolution of the Arab-Israeli confrontation. Mr. Spencer. Spring.

HI 341 THE CIVILIZATION OF THE DARK AGES). Offered in 1985-86.

HI 342 THE MEDIEVAL OUTLOOK: 1050-1300). Offered in 1985-86. Spring.

HI 343 EUROPE IN THE RENAISSANCE. Fall. New Description. The course will include the period from roughly 1300 to 1550. There will be no coverage of the Reformation and its antecedents; these will be handled in HI 328. The major focus will be on the background of the cultural events of the period. Mr. Tillinghast.

HI 344 THE REFORMATION. Spring. New Description. An attempt to tie religious currents in the late Middle Ages to the teachings of the earlier Reformers. The stress will be on the relationship between developing religious needs and the prevailing currents in thought and society. Mr. Tillinghast.

HI 346 HISTORY OF FRANCE: 1750-1940. Spring. New Description. An introduction to French history from the Old Regime to the Third Republic, this course will examine those historical experiences that have been fundamental in the making of modern France. Concentrating on the interrelationships between social, economic, and intellectual history, primary attention will be devoted to France's successive crises, both revolutionary and non-revolutionary, and the continuities which not only underlay them but also link them to the political consolidation and economic and social modernization of the 20th Century. Mr. Macey.

(HI 347 RUSSIAN HISTORY TO THE GREAT REFORMS). Offered in 1985-86.

HI 348 RUSSIAN HISTORY FROM THE GREAT REFORMS TO THE PRESENT. Spring. New Description. A study of the social, economic, and political causes and consequences

of the Russian Revolutions of 1905 and February and October 1917 as a basis for understanding the dilemmas of the Soviet system. The course will be divided equally between pre- and post-revolutionary periods with a final segment on the nature of contemporary Soviet Society. Mr. Macey.

(HI 349 THE HISTORY OF GERMANY FROM 1648 TO THE TWENTIETH CENTURY). Offered in 1985-86.

(HI 350 ENGLISH HISTORY AS A BACKGROUND FOR ENGLISH LITERATURE)

HI 351 THE USES OF BIOGRAPHY. Spring.

HI 354 BRITISH HISTORY: 1815-1979. Fall. New Course. The spectacular rise and dramatic decline of Britain as an imperial and industrial power is the central theme of this course. The century after 1815 was an age of political and social reform and the apogee of middle class culture. But in 1914 the crucial problems of women's rights, of labour versus capital, and of Irish nationalism remained unsolved. Decades of war and economic depression followed. The Labour Party tried, and failed, to create a social democracy out of post-war Britain. Today, with her empire gone, her industry spent, Britain continues to provide a warning and an example to the rest of the world. Mr. Monod.

(HI 361 COLONIAL AMERICA). Offered in 1985-86.

HI 362 THE ERA OF THE AMERICAN REVOLUTION: 1763-1800. Spring. New Description. A study of the origins, progress, and significance of the American Reolution, emphasizing the disruption of the balance of empire, the ideology of revolution, the framing of new governments, and the first decade of nationhood under the Constitution. Ms. Bellows.

HI 363 JEFFERSONIAN AND JACKSONIAN AMERICA: 1800-1848. Fall. New Description. A close study of the so-called "Middle Period" of American History from the "Revolution of 1800" to the Mexican War. The course will examine the major themes of the period--political democracy, economic diversification, social reform, intellectual ferment, and territorial expansion--as parts of an evolving sense of American nationalism. Mr. McCardell.

(HI 364 CIVIL WAR AND RECONSTRUCTION: 1845-1890)

(HI 367 TWENTIETH CENTURY AMERICA: 1900-1941). Offered in 1985-86.

(HI 368 TWENTIETH CENTURY AMERICA: 1941-1980). Offered in 1985-86.

HI 371 BLACK HISTORY. Fall. New Description. An examination of the Black experience in America. The nature of slavery and freedom, the significance of migration and urbanization, and the various strategies employed by Blacks to gain equality and a sense of identity throughout American history will give general focus to the course. The social, economic and political structure of a black community in an urban and a rural environment will receive close attention. Ms. Bellows.

(HI 373 AMERICAN DIPLOMATIC HISTORY)

HI 376 THE AMERICAN WORKING CLASS SINCE 1850. Spring. New Course. This course will examine the development of the American working class in relation to four major themes and time periods:the rise of a labor movement and an awareness of social class in 19th-century America; trade unionism and labor radicalism during a watershed era of "incorporation" (1885-1920); the triumph of industrial unionism in the 1930's and '40's; and, finally, the path from accommodation to de-industrialization in post-World War II America. Lectures and readings will probe the themes of race, ethnicity, gender, and culture during each of these periods. Mr. Nelson.

READING COURSES

HI 401 READINGS IN EARLY EUROPEAN HISTORY. Spring. New Description. A study of the events in the 1620's, 1630's and early 1640's that led to the English Civil War. Mr. Tillinghast.

HI 403 READINGS IN MODERN EUROPEAN HISTORY. Fall. Mr. Macey.

HI 405 READINGS IN AMERICAN HISTORY. Fall. Mr. Jacobs, Mr. Nelson.

HI 407 READINGS IN AFRICAN HISTORY. Fall. New Description. A study of colonialism in Africa based on novels and associated background readings. Authors include Chinua Achebe, Joseph Conrad, Graham Greene, Cheikh Hamadou Kane, Alan Paton, Ousman Sembene, and Ngugi wa Thiongo. Mr. Spencer.

HI 409 READINGS IN ASIAN HISTORY: NINETEENTH AND TWENTIETH CENTURY CHINA. Fall. New Description. An examination of a number of social, economic, political, and intellectual themes in modern Chinese history. Radical, reformist, and conservative programs for modernization in the century and a quarter from the Taiping Rebellion to the present will be analyzed. Ms. Endicott-West.

HI 413 TOPICS IN MODERN EUROPEAN HISTORY. Spring. New Course. The focus of the course this semester will be topics in British social history, 1650-1850. These two centuries saw enormous changes in British society, which by 1850 had transformed Britain into the first industrial nation. The devastating effects of the agrarian and industrial revolutions on the lives of labourers will be considered, as will the growth of a middle class consumerism. The social history of religion and the development of popular political consciousness will be given special attention, along with crime, popular recreations, and family structures. Mr. Monod.

HI 415 TOPICS IN AMERICAN HISTORY. Fall. New Course. Readings will focus on various periods and topics in American history, such as the Revolutionary Era, the Civil War Period, and 20th Century Reform. The course this semester will study post-World War II America. The readings will investigate the "Best Years" and Truman's Fair Deal, the emerging Cold War and its impact on domestic politics, the rise of McCarthyism, the Korean War, and the Eisenhower boom and affluent society of the 1950's. Mr. Jacobs.

RESEARCH SEMINARS

HI 420 WRITING AND RESEARCH IN EUROPEAN HISTORY. Spring. Mr. Monod.

HI 422 WRITING AND RESEARCH IN AMERICAN HISTORY. Spring.

HI 424 WRITING AND RESEARCH IN NON-WESTERN HISTORY: IMPERIALISM. Spring. Mr. Spencer, Ms. Endicott-West.

HI 435 TOPICS IN AMERICAN HISTORY. Deleted. (See HI 415.)

HI 500 SPECIAL RESEARCH PROJECTS. Fall, Spring.

HI 700 SENIOR INDEPENDENT STUDY. Fall, Winter, Spring.

HI 705 TEACHING ASSISTANTSHIP. Fall, Spring.

INTERNATIONAL MAJOR IN POLITICS AND ECONOMICS

See Political Science department copy for description.

ITALIAN

See Spanish/Italian.

LITERARY STUDIES

The general Literary Studies copy will remain the same until further notice, with the following exception:

Under HISTORICAL courses, *RE 110 INTRODUCTION TO WESTERN RELIGIOUS LIFE AND THOUGHT has been replaced by *RE 200 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT.

MATHEMATICS AND COMPUTER SCIENCE

Professors: Michael Olinick, Bruce Peterson. Associate Professors: John Emerson, Robert Martin (chairman). Assistant Professors: Thomas Copeland, Bruce Sagan, Peter Schumer.

Major Program. Under Required for the Major: In paragraph 1, change MA 203 to MA 213.
Also under that heading, replace paragraph 4 with: The department offers a coherent set of courses in the area of Computer Science. There are two distinct levels of introductory courses in Computer Science, MA 103 and MA 213. MA 103 is a less intensive introduction to computers than MA 213, designed for students outside the natural sciences division. Although no major in this area is offered, the courses MA 213, 214, 323, 325 and PH 222 present the substantial portion of a core curriculum in Computer Science recommended by the Association for Computing Machinery (ACM).

In the final paragraph of the program copy, change sentence 1 to: MA 105, MA 103 and MA 106 are courses designed for students with minimal secondary school background in mathematics.

*MA 103 INTRODUCTION TO COMPUTERS. Fall, Spring. Omit the final sentence of this course description. Mr. Martin (Fall), Mr. Olinick (Spring).

*MA 105 FINITE MATHEMATICS: PROBABILITY, MATRICES AND PROGRAMMING. Fall. New Description. The course will introduce foundational and philosophical aspects of probability at a level which presumes only three years of secondary school mathematics. Topics include conditional probability, Bayes Theorem, Law of Large Numbers, expected value and Markov Chains. Matrix algebra and systems of linear equations will be used in the context ofdiscrete probability. Examples from biology and the social sciences will illustrate concepts and applications of probability. The course provides a foundation for the study of computer science. Mr. Emerson.

*MA 106 AN INTRODUCTION TO STATISTICAL SCIENCE. Spring. New Course. A practical introduction to statistical methods and the examination of data sets. Computer software will play a central role in analyzing a variety of real data sets from the physical and social sciences. Topics include descriptive statistics, elementary distributions for data, hypothesis tests, confidence intervals, correlation, regression, contingency tables, and analysis of variance. The course is especially suited to students in the physical, social, medical, and environmental sciences who have a modest background in mathematics and who seek an applied orientation to data analysis. (MA 105, MA 112, or permission.) 3 hrs. lect., 1 hour computer lab. Mr. Emerson.

(*MA 107 FOUNDATIONS OF MATHEMATICS)

(MA 111 FROM CONTINUOUS FUNCTIONS TO THE CALCULUS)

MA 112 MATHEMATICAL ANALYSIS-I. Fall, Spring.

MA 113 MATHEMATICAL ANALYSIS-II. Fall, Spring.

MA 115 CALCULUS FOR THE SOCIAL SCIENCES. Spring. Staff.

MA 200 LINEAR ALGEBRA. Fall, Spring.

MA 201 MATHEMATICAL ANALYSIS-III. Fall, Spring. Staff.

MA 203 MATHEMATICAL ANALYSIS-IV. Spring. Staff.

MA 213 PROGRAMMING I. Fall, Spring. Staff.

MA 214 PROGRAMMING II. Fall, Spring. (Formerly MA 223.) Staff.

(MA 220 GRAPH THEORY AND COMBINATORICS)

(MA 222 CONVEX FIGURES)

MA 223 PROGRAMMING II. Deleted. (Renumbered MA 214--see above.)

(*MA 227 SET THEORY)

MA 302 ABSTRACT ALGEBRA I. Spring. Staff.

(MA 310 PROBABILITY)

(MA 311 STATISTICS)

MA 315 MATHEMATICAL MODELS IN THE SOCIAL, LIFE AND MANAGEMENT SCIENCES. Fall. Mr. Olinick.

MA 318 SELECTED TOPICS IN OPERATIONS RESEARCH. Spring. Mr. Olinick.

(MA 321 ELEMENTARY NUMBER THEORY)

MA 323 COMPUTER SYSTEMS AND ASSEMBLY LANGUAGE PROGRAMMING. Fall. New Prerequisites. (MA 214.) Staff.

MA 325 DATA STRUCTURES AND FILE PROCESSING. Spring. New Prerequisites. (MA 214.) Staff.

MA 401 ADVANCED CALCULUS. Fall. New Prerequisites. (MA 201 and MA 203.) Mr. Sagan.

MA 402 ADVANCED CALCULUS. Spring. Mr. Sagan.

(MA 403 ABSTRACT ALBEGRA-II)

(MA 410 MEASURE AND PROBABILITY)

(MA 411 ELEMENTARY TOPOLOGY)

(MA 413 ORDINARY DIFFERENTIAL EQUATIONS)

MA 423 ALGORITHMS AND COMPLEXITY. Spring. New Course. The theory of the design and analysis of algorithms covering topics such as: the complexity and efficiency of algorithms, various complexity classes of algorithms, the notion of computability, and methods for determining the correctness of algorithms. (MA 214.) Mr. Sagan.

MA 431 COMPLEX ANALYSIS. Fall. Mr. Schumer.

MA 500 ADVANCED STUDY. Fall, Spring.

MA 704 SENIOR SEMINAR. Fall, Spring. Mr. Martin.

MUSIC

Professors: Emory Fanning, George Todd (chairman). Assistant Professor: Dale Cockrell. Instructor: James Griesheimer.

*MU 101 INTRODUCTION TO MUSICAL STYLES. Spring.

*MU 105 PERSPECTIVES OF MUSIC. Spring. New Description. Perspectives of Music is intended as an overview of the ways that man approaches music as a study. Lectures will deal with the perspective of not only the composer, the performer and the listener, but also the physicist, the psychologist, and anthropologist, dramatist, and historian. Mr. Todd, Mr. Cockrell.

(*MU 109 RUDIMENTS OF MUSIC)

(MU 120 WORLD MUSIC)

MU 205 PERFORMANCE LAB. Fall, Spring.

MU 209 THEORY. Fall. New Description. Add: Computer-assisted instruction. Mr. Todd.

MU 210 THEORY. Spring.

MU 220 SURVEY OF MUSIC HISTORY. Fall. Mr. Cockrell.

MU 221 SURVEY OF MUSIC HISTORY. Spring. Mr. Cockrell.

(MU 230 AMERICAN POPULAR SONG)

MU 250 INTRODUCTION TO ELECTROACOUSTIC MUSIC. Fall. New Course. This course deals with both the history of electroacoustic music, the techniques used to produce it, and the aesthetic questions it raises. Topics will include: Waveforms and vibrations, the nature of sound sources and sound propogation, the human ear and its response, the acoustical characteristics of conventional instruments, "found" sounds and the human voice, and psychoacoustics. Listening and reading assignments will focus on the electronic music literature and aesthetic issues. There will be some "hands-on" experience using the Synclavier and other equipment. No musical experience is assumed. MU 250 is prerequisite to MU 350, Electroacoustic Musical Composition. Mr. Todd.

(MU 290 FUNDAMENTALS OF CONDUCTING)

MU 301 ELECTRONIC AND COMPUTER MUSIC. Deleted. (Renumbered MU 350 - see below.)

MU 306 PERFORMANCE CLASS. Fall.

MU 307 PERFORMANCE CLASS. Spring.

MU 309 ANALYSIS. Fall.

MU 310 ANALYSIS. Spring.

(MU 312 COMPOSITION)

(MU 320 MASTERS OF THE EIGHTEENTH CENTURY)

(MU 321 MUSIC IN THE MEDIEVAL AND RENAISSANCE PERIODS)

MU 322 MUSIC IN THE BAROQUE ERA. Spring.

(MU 323 MUSIC IN THE CLASSICAL PERIOD)

MU 324 MUSIC IN THE ROMANTIC ERA. Fall. New Description. An in-depth study of selected elements of the history, culture and literature of 19th century Western art music, from Beethoven through Debussy and Mahler. Topics for discussion and lecture may be selected from: genre development, the most significant composers, nationalistic musics, society and music in the period, the dialectic of Romantic music, program music, the gesammtkunstwerk approach, post-romanticism. Ability to read music and rudimentary theoretical knowledge are assumed. Mr. Cockrell.

(MU 325 MUSIC IN THE TWENTIETH CENTURY)

MU 326 MUSIC IN AMERICA. Spring. New Description. A study of the history, culture and literature of music in the New World, from the earliest known musics of the Native Americans, through the colonial and federalist periods, to the present. A special emphasis will be on the "American experience," and its cultural relationship to our musical expression. Mr. Cockrell.

(MU 327 NEW ENGLAND FOLK SONG)

(MU 329 THE STUDY OF MUSICAL INSTRUMENTS)

MU 330 SYMPHONIC LITERATURE. Fall. New Description. A study of the symphony and related forms (tone poem, concert overture, etc.) from c. 1740 to the present. Among the major topics: the preclassical symphony schools of Mannheim, Milan, Berlin and Vienna, the symphonies of Haydn, Mozart, and Beethoven, 19th-century developments (program elements, literary influences, nationalism), the symphonies of Schubert, Schumann, Mendelssohn, Berlioz, Liszt, Franck, Dvorak, Brahms, Tschiakovsky, Bruckner, Mahler, the tone poems of Liszt and R. Strauss, the symphony in the 20th century (Hindemith, Schoenberg and his circle, Bartok, Prokofiev, Shostakovitch, Stravinsky, Copland, Ives), commercial applications of the symphonic tradition (movie music, TV scores, etc.) Mr. Griesheimer.

(MU 331 HISTORY OF OPERA)

(MU 340 BEETHOVEN AND THE NEW CURRENTS OF THE NINETEENTH CENTURY)

(MU 341 J.S. BACH)

MU 350 ELECTROACOUSTIC MUSIC COMPOSITION (Formerly MU 301.) Spring. New Description. This course involves the composition of music using electroacoustic devises. MU 350 culminates in a concert of student works composed in the college's electronic studio. (MU 250.) Limited to seven students with permission. Mr. Todd.

MU 390 JUNIOR SEMINAR IN MUSIC HISTORY. Fall.

MU 500 INDEPENDENT STUDY

MU 704 SENIOR WORK

PERFORMANCE STUDIES
Note: Information on fees for the 1984-85 academic year is not yet available.

Private instruction in piano Staff/Mrs. Fanning/Mr. Glarner
Private instruction in voice Ms. Nall/Ms. Messier

PROGRAM IN NORTHERN STUDIES

Major Program. Add the following after the first sentence under Requirements for a Northern Studies Major: Joint majors involving Northern Studies and other departments or programs are possible, subject to the general College rules regarding joint majors. No standardized or recognized joint majors have been established involving Northern Studies. However, Northern Studies students have pursued joint majors with Sociology/Anthropology, Geography and Philosophy. It is the responsibility of any student desiring to pursue a joint major to seek and obtain the approval of both the chairman of the relevant department and the director of the Northern Studies Program.

Under Quaternary Science: GL 201 should be GG 201 TECHNIQUES OF ENVIRONMENTAL ANALYSIS.

After Quaternary Science course listings, change paragraph 5 to: Students are encouraged to collect the data for their thesis work in the summer before the senior year. The thesis may be carried out either at the Center or at Middlebury. Delete paragraph 6.

NE 151 INTRODUCTION TO THE POLAR ENVIRONMENTS. Fall.

NE 152 PUBLIC POLICY IN THE CIRCUMPOLAR NORTH. Spring.

Fall Semester-in-Residence at the Center for Northern Studies
NE 310 PALEOENVIRONMENT AND PREHISTORY OF THE CIRCUMPOLAR NORTH.
NE 320 DYNAMICS AND CHARACTERIZATION OF NORTHERN ECOSYSTEMS. Mr. Cogbill.
NE 330 INDIGENOUS CULTURES OF THE CIRCUMPOLAR NORTH
NE 340 POLAR BIOTA

Winter Semester-in-Residence at the Center for Northern Studies

NE 350 WINTER ECOLOGY

Spring Semester-in-Residence at the Center for Northern Studies
NE 360 THE POLITICAL ECONOMY OF RESOURCE MANAGEMENT
NE 370 NORTHERN POLICY STUDIES
NE 380 COMMUNITY DEVELOPMENT IN THE CIRCUMPOLAR NORTH
NE 390 NORTHERN LEGAL ISSUES
NE 395 NORTHERN RESOURCE CONFLICTS. New Course. The rapid growth of interest in developing the natural resources of the Circumpolar North has given rise to increasingly severe conflicts among interests active in both the private and public sectors. This course examines the nature of these conflicts and evaluates the merits of alternative methods of resolving these conflicts. Among the methods considered are litigation, arbitration, legislation, negotiation, and problem-solving as well as the responses to conflict traditionally used by indigenous northern communities. The course places considerable emphasis on participatory activities such as moot courts, gaming, simulations, negotiation exercises, and problem-solving sessions. Ms. Osherenko, Mr. O. Young.

NE 500 INDEPENDENT STUDY

NE 700 SENIOR THESIS

PHILOSOPHY

Professors: Lynne Baker, Stanley Bates, Hiroshi Miyaji, Victor Nuovo (chairman). Assistant Professor: Michele LaRusch (on leave). Visiting Instructor: Kenneth Taylor.

Under Non-Majors: Replace the second and third sentences with PA 150, PA 201 and PA 202 are general introductions to the field and are open to students in all classes. Other courses in the 200-range are introductions to specialized areas of philosophical study which do not require particular competences, though students who have done work in education, religion or the arts will find their studies in those areas of assistance.

Under Major Program: Delete the second sentence (in parentheses).

*PA 102 THE GOOD AND THE TRUE: INTRODUCTION TO PHILOSOPHY. Deleted.

*PA 150 INTRODUCTION TO PHILOSOPHY. Fall, Spring.

(*PA 170 THE WAY TO REASON)

*PA 180 INTRODUCTION TO MODERN LOGIC. Spring. Ms. Baker, Mr. Taylor.

(*PA 190 ETHICS AND THE ENVIRONMENT)

*PA 201 ANCIENT AND MEDIEVAL PHILOSOPHY. Fall.

*PA 202 MODERN PHILOSOPHY FROM DESCARTES TO PEIRCE. Spring.

PA 205 HUMAN NATURE AND ETHICS. Fall.

(PA 207 CONTEMPORARY MORAL PROBLEMS)

(PA 210 PHILOSOPHY OF EDUCATION)

PA 213 PHILOSOPHY OF RELIGION. Spring. New Description. A critical exploration of several problems and themes related to religious belief: the coherence of the concept of God, the existence of God, the problem of evil, the moral justification of religious belief, religion and the culture of nihilism. Readings in philosophical works by Thomas Aquinas, Leibniz, Hume, Kant, Nishitani and others. Mr. Nuovo.

(PA 222 AMERICAN PHILOSOPHY)

PA 223 INTRODUCTION TO CONTEMPORARY PHILOSOPHY. Spring. New Description. This course will provide an introduction to two of the major movements in twentieth century philosophy - analytic philosophy represented by such figures as Russell, Moore, Ayer and Wittgestein, and phenomenology and existentialism represented by Husserl, Heidegger and Sartre. The course will attempt to survey characteristic problems and methods, but, in addition, a major figure of each tradition will receive extended attention. Mr. Bates.

PA 231 PHILOSOPHY OF HISTORY. Spring. New Course. History as a critical discipline in the social sciences employs its own terms, concepts, and methods. The course, a branch of philosophical studies, will examine major theories of history proposed by philosophers and historians especially since the early eighteenth century. Issues to be discussed in the course include interpretations of the historical process, the nature of historical knowledge and historical explanation. For comparative purposes, the study of non-Western philosophy of history, especially Chinese and Japanese, will be considered. Mr. Miyaji.

PA 233 AESTHETICS. Spring. New Description. Contemporary and historical readings will be used to examine problems in the philosophy of art. There will be exploration of what is a work of art and of meaning and truth in various of the arts. Attention will be given to questions of aesthetic judgment and of aesthetic value as well. Some prior acquaintance with philosophy or literature or the arts is recommended. Ms. Baker.

PA 250 HISTORY OF EARLY MODERN PHILOSOPHY: (DESCARTES TO KANT)

PA 251 JAPANESE PHILOSOPHY I. Deleted. (This course and PA 252 have been replaced by PA 256--see below.)

PA 252 JAPANESE PHILOSOPHY II. Deleted. (This course and PA 251 have been replaced by PA 256--see below.)

PA 253 CONFUCIANISM AND THE CONFUCIAN TRADITION IN EAST ASIA. Fall. New Course. Confucius (551-478 B.C.) is perhaps one of the most important and influential teacher-scholars in the history of world philosophy. Together with Buddhism, Confucian philosophy shaped the Korean and Japanese minds. Confucianism developed into a rich amalgam of diverse concepts: metaphysical, ethical, social and political. It also evoked opposing concepts and schools of thought, leading to the emergence of eclecticism. Encounter with the Confucian tradition remains the critical philosophical issue today in the People's Republic of China. This course will inquire the origin and development of Confucianism and Neo-Confucianism in China, and its adaptation by and impact on the Japanese (especially Tokugawa Neo-Confucianism) and Korean (especially Yi T'oege and the Neo-Confucian orthodoxy of the Yi dynasty) thought. The course requires extensive readings and discussion of selected texts in translation. There is no prerequisite to the course but RE 115 is recommended. Mr. Miyaji.

(PA 255 KIERKEGAARD, MARX AND NIETZCHE)

PA 256 TOPICS IN JAPANESE PHILOSOPHY. Spring. New Course. This course traces the evolution and development of various religio-philosophical ideas and schools of thought: Buddhist, Confucianist, Shinto. There will be reading and interpretation of selected literary, philosophical and religious texts in translation. The influence of other Asian and Western intellectual traditions on Japanese thought and a comparison with them will be a major consideration in this course. Mr. Miyaji.

(PA 280 INTERMEDIATE LOGIC)

ETHICS AND SOCIAL PHILOSOPHY

(PA 309 PHILOSOPHY OF LAW)

PHILOSOPHY OF SCIENCE AND THEORY OF KNOWLEDGE

PA 350 METAPHYSICS. Fall. New Course. This course is an introduction to philosophical reasoning about the most fund mental features of reality. Readings

will be drawn from a broad spectrum of historical sources. Particular attention will be paid to 20th century philosophers, from both the analytic and the continental traditions, and to the question whether metaphysics is a viable way of finding things out about the world separate and distinct from the natural sciences. Mr. Taylor.

(PA 351 THEORY OF KNOWLEDGE)

PA 352 PHILOSOPHY OF MIND. Spring. New Description. How is mental activity related to the nonmental world? More particularly, in what sense can explanations comparable to those given by physical sciences be given from behavior? Drawing on classic texts (by, e.g., Aristotle, Descartes) and on contemporary works (by, e.g., Davidson, Dennett, Fodor), this course will examine various conceptions of mentality, including recent "computer" models of the mind. Topics such as physicalism, functionalism and behaviorism will be considered, with special attention to conceptual issues raised by competing modes of explaining rational action. Ms. Baker.

(PA 353 PHILOSOPHY OF SCIENCE)

(PA 354 PHILOSOPHY OF LANGUAGE)

SEMINARS

PA 402 THE PHILOSOPHY OF ARISTOTLE. Fall. New Course. An examination of Aristotle's principal doctrines as represented in his writings: logical, physical, metaphysical, moral and political. Attention will also be paid to some recent interpretations of Aristotle and to the validity of Aristotle's thought for contemporary philosophy. Mr. Nuovo.

PA 405 LOCKE AND LEIBNIZ. Spring. New Course. This course will focus on the debate between rationalism and empiricism in epistemology. We will investigate empiricist and rationalist answers to questions such as: What is the nature of human knowledge? Does everything that we know originate with the senses? What does reason contribute to what we know? Do we know the world as it really is? We will proceed via close readings of two texts of fundamental philosophical importance and influence, Locke's Essays Concerning Human Understanding and Leibniz's New Essays, Concerning Human Understanding. Mr. Taylor.

(PA 406 KANT)

(PA 407 HEGEL'S PHENOMENOLOGY)

(PA 410 WITTGENSTEIN)

(PA 412 CONTEMPORARY POLITICAL LIBERALISM: RAWLS AND DWORKIN)

CL 417 PLATO. Deleted.

PA 500 RESEARCH IN PHILOSOPHY. Fall, Spring.

PHYSICAL EDUCATION AND ATHLETICS

Program Copy.
Note the following:
--Physical Education is a degree requirement.
--Intercollegiate credits may not be exchanged in lieu of taking an exemption test in the skills of the intercollegiate sport concerned.
--There are no spring exemption tests.
--WSI cards are accepted in lieu of the Swimming Exemption Test.
--Add the following at the end of paragraph 3: General Conditioning, Weight Training, Hydra-Gym Conditioning, Swimming for Conditioning and like courses are considered as the same activity for which no more than three courses may be counted for credit towards completion of a Physical Education Program.
--Add the following at the beginning of paragraph 4: Students who are unaware of their current program status should check their Physical Education record in

person with the Physical Education Secretary in the Field House to ensure completion of their program according to the printed catalogue specifics.

1984-85 Physical Education Dates

Physical Education Instructional Course Registration Periods:

REGISTRATION DATES	SEASON	SEASON DATES
September 10, 11, 12	Fall	September 17-October 27, 1984
October 17, 18, 19	Winter I	October 29-December 8, 1984
November 27, 28, 29	Winter Program Term	January 7-February 1, 1985
February 11, 12, 13	Winter II	February 18-March 30, 1985
March 19, 20, 21	Spring	April 8-May 11, 1985

Exemption Periods and Tests:

FALL TESTS (September 10, 11, 12, 13 as scheduled)
Sign-up dates are September 6, 7, 10, 11, 1984

WINTER TESTS (February 11, 12, 13, 14 as scheduled)
Sign-up dates are January 22, 23, 24 and February 11, 1985

THERE ARE NO SPRING TESTS.

PHYSICS

Professors: Robert Gould, P. Frank Winkler (chairman). Associate Professor: Richard Wolfson. Assistant Professors: Robert Prigo, Jeffrey Dunham.

*PH 101 THE NATURE OF THINGS: PHYSICAL REALITY AND HUMAN THOUGHT. Spring. Mr. Wolfson, Mr. Dunham and Staff.

PH 109 MECHANICS AND THERMODYNAMICS. Fall, Spring. Mr. Wolfson, Mr. Gould and Staff (Fall), Staff (Spring).

PA 110 ELECTRICITY AND MAGNETISM. Fall, Spring. MA 113 is a corequisite for this course.

PA 145 ELECTRONICS FOR THE INTIMIDATED. Spring. Mr. Gould.

*PH 155 AN INTRODUCTION TO THE UNIVERSE. Fall.

PH 201 RELATIVITY AND QUANTUM PHYSICS. Fall. New Title. New Prerequisites. (PH 110, MA 113 or permission.)

PH 202 ATOMIC AND NUCLEAR PHYSICS. Spring. New Title. Mr. Gould, Mr. Dunham.

PH 212 APPLIED MATHEMATICS FOR THE PHYSICAL SCIENCES. Spring. New Title.

PH 221 ELECTRONICS FOR SCIENTISTS. Fall.

PH 230 INTERMEDIATE MECHANICS. Fall. Delete "Offered in alternate years" from this description.

(PH 250 STATISTICAL MECHANICS)

(PH 266 CONTEMPORARY ASTRONOMY AND ASTROPHYSICS)

PH 302 ELECTROMAGNETIC WAVES. Fall.

(PH 320 FLUID DYNAMICS AND PLASMA PHYSICS)

PH 401 INTRODUCTION TO QUANTUM MECHANICS. Spring. Mr. Dunham.

PH 402 ADVANCED QUANTUM MECHANICS. Fall. New Course. This course will emphasize

realistic atomic and nuclear structure calculations using the techniques of perturbation theory and angular momentum coupling. A major goal is direct and complete calculations of fine structure, hyperfine structure and the Lamb shift for the hydrogen atom in the presence of perturbing fields. A quantized electromagnetic field will be used to calculate transition rates and angular distributions for simple radiating systems. Nuclear magnetic resonance and blackbody radiation will receive extended treatment. A review of basic nuclear phenomenology will lead to nuclear structure calculations with the shell model. (PH 302 and PH 401.) Mr. Dunham.

PH 405 NUCLEAR AND PARTICLE PHYSICS. Spring. New Description. The course will begin with a general introduction to the nucleus, its constituents, the strong force and binding energies. Important symmetry properties of nuclear systems and conserved quantitities in nuclear interactions will also be included in the introduction. We will then discuss nuclear states (ground and excited states), natural transitions (α, β, γ decays) and artificial transitions (nuclear reactions, fission and fusion). We will then take a look at some good but far from perfect models of the nucleus - the liquid drop, shell and collective models. We will end our discussion of the nuclear physics with a closer look at the strong force in pn and nn systems and outline the meson theory of the strong force. This will lead naturally into discussions of the so called "fundamental particles," their numbers, properties, classiciations and interactions. We will also outline the conservation laws, invariance and symmetry groups associated with these particles, including the quark model with flavor, color and charm. The recent "new particles" will also be discussed. (PH 401 or permission.) 3 hrs. lect. Mr. Prigo.

PH 500 RESEARCH AND SPECIAL TOPICS. Fall, Spring.

PH 705 SENIOR THESIS. Fall, Winter, Spring.

PH 750 SENIOR THESIS. (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.

POLITICAL SCIENCE

Professors: Murray Dry (chairman), Russell Leng, Paul Nelson, Olin Robison. Associate Professor: David Rosenberg. Assistant Professor: Eric Davis. Instructor: Michael Kraus.

Major Program. Copy for Political Science major remains the same. Description of the new international major in politics and economics follows: The major would have three components: (1) a set of political science courses, with cognates in history and geography, (2) a set of economics courses, and (3) a term or year spent abroad at a Middlebury College language school or with those such as the Chinese program in Taipei.

Required for the Major:
Political Science (5 courses)

1. *PS 101 or *PS 107
2. *PS 201 or PS 311
3. Two courses chosen from political science, history, or geography related to the student's area of interest, i.e., Western Europe, Soviet Union, Africa, or East Asia. Possible courses at Middlebury would include: PS 220, PS 225, PS 227, PS 328, PS 210, HI 315, HI 316, HI 319, HI 226, HI 235, HI 236, HI 331, HI 335, HI 336, HI 421, HI 314, HI 315, HI 205, HI 206, GG 330, GG 331, GG 352.
4. *PS 404 or PS 405, or PS 406, or PS 408, or PS 412.

Economics (5 courses)

1. EC 150
2. EC 155

3. EC 210 or an equivalent course in statistics.

4. EC 350 or EC 355

5. *EC 440 or EC 445 or EC 415

Note: Sections marked "*" indicate that the courses must be taken at Middlebury.

Year or Term Abroad: Each student major would meet the minimum requirements to attend a Middlebury language school abroad (or the program in Chinese in Taiwan or in Hong Kong) in the language most appropriate for his or her chosen geographical area. In exceptional circumstances students may attend schools in other approved programs abroad where significant competence in a foreign language is required. The requirement may not be satisfied by attending schools abroad that do not require courses taught in a foreign language. Normally the first two steps in the list of courses for Political Science and for Economics would be completed prior to the term or year spent abroad.

Senior Work: The 400 level courses listed for both disciplines are senior level seminars. Majors would complete one of each. In these seminars, majors would be required to use the foreign language chosen for their term abroad in their research and to complete a project that combines political and economic issues. With the permission of the program chairman, qualified students may undertake Honors projects that meet the above requirements, except that one of the required seminars may be replaced with independent work to complete the honors project.

*PS 101 INTRODUCTION TO POLITICAL SCIENCE. Fall. Mr. Dry, with Mr. Nelson.

PS 102 THE AMERICAN POLITICAL REGIME. Spring.

PS 103 INTRODUCTION TO COMPARATIVE POLITICS. Spring. Staff.

PS 104 INTRODUCTION TO AMERICAN POLITICAL PROCESSES. Fall. New Description. An overview of the theory and practice of American politics, primarily at the national level. The writing of the Constitution in 1787 and the defense of it in The Federalist. The representative institutions of government (political parties, elections, interest groups). The policy-making institutions of government (Congress, Presidency, bureaucracy, judiciary). Freshmen and sophomores or permission.) Mr. Davis.

*PS 107 POLITICS AND THE STUDIES OF POLITICS. Spring. Delete: Edmund Burke, Reflections on the Revolution in France and add: Alexis Tocqueville, Democracy in America to the works read.

POLITICAL THEORY

*PS 101 (See above.)

*PS 107 (See above.)

PS 200 THEORIES ANDMETHODS OF POLITICAL ANALYSIS. Spring. Mr. Rosenberg.

PS 317 CLASSICAL POLITICAL PHILOSOPHY. Fall.

PS 318 POLITICAL PHILOSOPHY: MODERNITY. Spring. Add Spinoza to the list of writers read.

(PS 401 SEMINAR ON POLITICAL PHILOSOPHY)

PS 409 SEMINAR ON POLITICAL PHILOSOPHY. Fall.

AMERICAN POLITICAL INSTITUTIONS

PS 102 (See above)

PS 104 (See above)

PS 203 AMERICAN POLITICS. Deleted.

PS 208 THE POLITICS OF THE U.S. CONGRESS. Spring. New Description. An intensive analysis of representative government as exemplified by the United States Congress. Topics covered include theories of representation, the historical development of Congress, Congressional elections, norms and expectations for Congressional behavior, the rules of the legislative process, the internal organization of Congress (committees, parties, staff) and relations among Congress, the Presidency, the bureaucracy, and the courts. Some comparisons will be made between Congress and both American state legislatures and national legislatures in parliamentary systems. Mr. Davis.

PS 301 AMERICAN POLITICS. Deleted.

PS 305 AMERICAN CONSTITUTIONAL LAW: THE FEDERAL SYSTEM. Fall. New Description. Drawing mainly on Supreme Court decisions from separate reprints and Gerald Gunther's casebook, and also on interpretive books and essays, this course studies the Marshall Court, the Taney Court, the Civil War cases, the pre-and post-1937 Court, and the Warren and Burger Courts. The earlier cases focus on governmental powers in a federal system; the recent cases focus on the equal protection clause of the Fourteenth Amendment. A Mock Court case is anticipated. (Open to juniors and seniors with PS 102.) Mr. Dry.

(PS 306 AMERICAN CONSTITUTIONAL LAW: INDIVIDUAL RIGHTS)

PS 312 THE POLITICS OF THE FEDERAL BUREAUCRACY. Spring. New Description. An analysis of the theory and practice of public administration in America. Topics include classical and contemporary theories of bureaucracy (Weber, Barnard, Simon, Storing), the development of the administrative state in America, "merit" and "political" personnel systems, the budget process in the bureaucracy, the federal bureaucracy and state and local governments, administrative responsiveness to interest groups, and relations among the bureaucracy, the Congress, and the courts. The course will end with case studies of current administrative and regulatory policies. (PS 104 or 203.) Mr. Davis.

(PS 314 THE POLITICS OF AMERICAN URBAN AREAS)

PS 402 SEMINAR IN CONSTITUTIONAL LAW: LIBERALISM AND CONSTITUTIONALISM. Spring. New Description. The purpose of this course is to examine constitutionalism and liberalism from the perspectives of political philosophy and jurisprudence. By the term constitutionalism, we are reminded of two things: first, our Constitution is both a frame of government and a form of law, our fundamental law; and second, the inquiry into how it is to be interpreted, especially when questions of principle arise, directs our attention to judicial review and the relationship between judicial and legislative or executive interpretation of the Constitution. By the term liberalism, we are reminded of the importance of liberty and its relation to equality. Mr. Dry.

PS 410 SEMINAR ON POLITICAL PARTIES AND INTEREST GROUPS IN AMERICA. Fall. New Description. Topic for 1984--Presidential Elections. Subjects covered will include the debate over Presidential selection at the Constitutional convention, the historical development of Presidential selection processes (with particular attention to post-1968 party reforms), critical and realigning elections (are we now in an era of political realignment?), candidate strategies in the primary and general election phases of the campaign, financing Presidential campaigns, and media coverage of Presidential elections. (Permission.) Mr. Davis.

(PS 425 SEMINAR ON THE AMERICAN PRESIDENCY)

COMPARATIVE POLITICS

PS 103 (See above)

PS 210 THE POLITICS OF MODERNIZATION IN THE THIRD WORLD. Fall. New Description. This course studies how traditional peasant societies are transformed into modernizing nation-states. Four basic problems of political development are considered: 1) the creation of a common national indentity, 2) the development of effective

instruments of power, 3) the establishment of legitimate authority, and 4) the production and distribution of goods and services. The lectures will explain the major ideologies and strategies used to solve these problems. Each student is asked to select one country in Africa, Asia or Latin America and make periodic reports on how it attempts to solve these basic problems of development. Mr. Rosenberg.

PS 220 ASIAN POLITICS. Spring. New Description. This course provides an introductory survey of contemporary politics in Asia, with primary emphasis on China and Japan. The basic institutions of power will be examined as well as current issues of domestic and foreign policy. Mr. Rosenberg.

PS 225 COMPARATIVE POLITICS: WESTERN EUROPE. Fall. Staff.

PS 227 SOVIET POLITICS. Fall.

PS 328 COMPARATIVE COMMUNISM. Spring.

PS 404 THE GLOBAL POLITICAL ECONOMY. Fall. New Description. A study of "who gets what, how, and why" in the international division of labor and income. The seminar will analyze the institutions (e.g., the IMF, World Bank, multinational corporations, OPEC) and processes (for example, trade and financial flows) which govern the international economy, with special emphasis on the relations between industrialized and developing countries. (For senior majors or permission.) Mr. Rosenberg.

PS 406 SEMINAR: POLITICS AND SOCIETY IN CONTEMPORARY FRANCE. Spring. Precise topic and readings to be determined. Staff.

PS 407 THE LIBERAL REVOLUTIONS: ENGLAND, AMERICA AND FRANCE. Deleted.

INTERNATIONAL RELATIONS AND FOREIGN POLICY

PS 201 INTERNATIONAL POLITICS. Fall.

(PS 202 CONTEMPORARY INTERNATIONAL RELATIONS)

PS 302 INTERNATIONAL CONFLICT RESOLUTION. Spring. New Description. A study of historical and contemporary efforts to moderate and resolve interstate conflicts, including international law, intergovernmental organizations, mediation, and disarmament. (PS 201 or PS 311 or permission.) Mr. Leng.

PS 311 AMERICAN FOREIGN POLICY. Fall. Staff.

PS 405 SEMINAR ON THE CAUSES OF WAR. Fall.

PS 408 SEMINAR ON UNITED STATES-SOVIET RELATIONS. Spring.

PS 412 SEMINAR ON DIPLOMACY. Spring.

INDEPENDENT PROJECTS

PS 500 ADVANCED PROJECTS

PS 700 HONORS

PSYCHOLOGY

Professors: A. Hunt Ewell, David Prouty (chairman). Assistant Professors: Bob Osborne, Marc Riess.

PY 105 INTRODUCTION TO PSYCHOLOGICAL THOUGHT. Fall, Spring.

PY 201 LOGIC OF STATISTICAL ANALYSIS. Fall. New Description. This course emphasizes a conceptual approach to the problems of introductory statistical analysis. Topics include descriptive statistics through multiple correlation and regression, and inferential techniques through chi-square and the elements of

analysis of variance. Some simple arithmetic is required but most calculations themselves are handled through use of the MINITAB computer program. No prior computer experience is required but during the course students are expected to become comfortable with computer usage through supervised laboratory work. (Open to freshmen and sophomores with PY 105 or permssion. Upperclassmen must have permission.) Mr. Ewell.

PY 202 THE RESEARCH REPORT. Spring.

PY 203 SOCIAL BEHAVIOR. Fall. This is a lecture/discussion course.

PY 204 PERSONALITY PSYCHOLOGY. Spring. This is a lecture/discussion course.

PY 207 CONDITIONING AND LEARNING. Spring.

PY 208 MEMORY AND CONCEPTUAL PROCESSES. Fall.

PY 225 CHILD PSYCHOLOGY. Spring.

PY 301 PHYSIOLOGY PSYCHOLOGY. Fall.

(PY 305 COGNITIVE DEVELOPMENT). Offered in Spring Term 1985-86.

PY 306 THE EXCEPTIONAL CHILD. Spring. New Description. Exceptional children are all those children we single out by a prefix or label. Whether the label is "retarded," "blind," "learning disabled," or any of the supply of terms psychologists, educators, and others have developed, it marks children as exceptions to some theoretical norm. This course will consider the problem inherent in defining and using categories of exceptionality. Attention will be given to communication and sensory handicaps, dysfunctions and disabilities with organic bases, subtle handicapping conditions such as specific language disability, and both extremes of intellectual ability. (PY 225.) Mr. Prouty.

PY 314 RESEARCH IN SOCIAL AND PERSONALITY PSYCHOLOGY. Spring.

PY 325 ABNORMAL PSYCHOLOGY. Fall.

PY 350 DIRECTED RESEARCH IN PSYCHOLOGY. Fall, Spring.

PY 411 CONTEMPORARY ISSUES. Fall.

PY 415 SELF-PRESENTATION. Fall.

(PY 416 LIMBIC SYSTEM). Offered in Spring Term 1985-86.

PY 417 PHYSIOLOGICAL BASIS OF LEARNING AND MEMORY. Spring. New Description. This seminar course deals with attempts to uncover the underlying physiological changes that enable the individual to benefit from experience. Following an introduction to ethological and experimental approaches to learning, the strengths and weaknesses of various physiological approaches will be examined. Traditional lesions, biochemical and stimulation studies will be covered, but emphasis will be placed on plasticity in model systems and simple systems. (PY 301 or permission.) Mr. Osborne.

(PY 421 NONVERBAL BEHAVIOR AND COMMUNICATION). Offered in Fall Term 1985-86.

PY 426 PSYCHOANALYSIS. Spring.

PY 500 ADVANCED RESEARCH. Fall, Spring.

PY 703 HONORS CANDIDACY. Spring.

RELIGION

Professors: Robert Ferm (chairman), Charles Scott. Associate Professors: Steven

Rockefeller, Donald Lopez. Visiting Assistant Professors; Tomoko Masuzawa, O. Larry Yarbrough.

Under Major Program: Replace RE 110 with RE 200 in the courses listed.

*RE 105 AN INTRODUCTION TO THE ENGLISH BIBLE. Spring.

*RE 110 INTRODUCTION TO THE JEWISH, CHRISTIAN AND ISLAMIC TRADITIONS. Spring. New Course. (Replaces RE 204.) An introduction to the major western religious traditions. Beginning with the ancient Mesopotamian and Mediterranean background, the course will study the historical development of the three great monotheisms of the west, with special attention devoted to the ideas of creation, history, redemption, and messianic expectation. Ms. Masuzawa.

*RE 115 INTRODUCTION TO EASTERN RELIGIOUS THOUGHT. Fall.

*RE 200 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT. New Course. (Replaces former RE 110.) An introduction to religious life and thought among the ancient Hebrews, Greeks and Romans and the early Christians with readings in the writings of Aeschulus, Plato, the Old and New Testaments, the Stoics, the Epicureans, the Neo-Platonists and St. Augustine. Mr. Rockefeller.

RE 204 THE JEWISH, CHRISTIAN AND ISLAMIC TRADITIONS. Deleted. (Replaced by RE 110, above.)

RE 209 THE HINDU TRADITION. Spring. New Course. The development of the Hindu tradition from the Indus Valley civilization (c. 2500 B.C.) to the struggle for independence from Britain led by Gandhi in the early decades of the 20th century. The course will concentrate on the texts and thinkers which define the multifarious religious phenomenon called Hinduism, paying special attention to the Upanishads, the Bhagavadgita, classical Hindu philosophy, and protestant movements within the tradition. Mr. Lopez.

(RE 210 THE BUDDHIST TRADITION: INDIA AND TIBET)

(RE 211 THE BUDDHIST TRADITION: CHINA AND JAPAN)

RE 215 SHINTO: JAPANESE INDIGENOUS RELIGIOUS BELIEFS. Spring. New Description. The study of Japanese indigenous religious beliefs from pre-historic times to the late 19th century. The course emphasizes the question of the evolution and changes of a unique religious syncretism in socio-cultural contexts. Mr. Miyaji.

*RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE. Fall.

RE 270 GRECO-ROMAN RELIGIONS. Fall. New Course. An examination of the varieties of religious experience in the Greco-Roman world, including worship of the Olympian gods, state cults, mystery religions, and the ethical moralists. The course will involve reading of primary texts dealing with religious life in Greece and Rome and secondary literature interpreting these texts. Mr. Yarbrough.

RE 280 STUDIES IN THE HEBREW BIBLE. Fall. New Title and Description. An examination of the history and theology of the Hebrew Bible/Old Testament. This course will involve close reading of major portions of the Hebrew Bible in light of contemporary Jewish and Christian scholarship. It will trace the development of major themes and concepts (such as the covenant) through the various stages of Hebrew life and thought in the Biblical period. Mr. Yarbrough.

RE 281 STUDIES IN THE NEW TESTAMENT. Spring. New Description. This course examines early Christian life and thought as reflected in the writings of the New Testament. It will deal with the life and teachings of Jesus, his major interpreters (such as the writers of the gospels and Paul), and the common people who followed them. Mr. Yarbrough.

RE 290 INTERPRETATIONS OF CHRISTIAN BELIEFS. Spring. New Course. An historical

approach to issues in Christian thought: reason and revelation, the nature of God, the views of Christ, the nature of man, and the purpose of the church. The course will begin with early Christianity and proceed through medieval Catholicism, the Protestant Reformation, and the Enlightenment, to the modern period. Readings will be from major figures in Christian thought. Mr. Ferm.

RE 301 MODERN VIEWS OF GOD AND RELIGIOUS LIFE: THE NINETEENTH CENTURY. Fall. New Description. Studies in the writings of selected 19th century thinkers, including Schleiermacher, Feuerbach, Kierkegaard, Dostoevsky, and Nietzsche. The course will focus particularly on their respective understandings of the nature of God, of religious experience, and of salvation, as these issues are reflected upon in the midst of the growing historical consciousness and secular interpretations of religious ideas. (Permission.) Ms. Masuzawa.

RE 302 MODERN VIEWS OF GOD AND RELIGIOUS LIFE: THE TWENTIETH CENTURY. Spring. New Description. Studies in the writings of selected 20th century Jewish and Christian thinkers, including Buber, Barth, Niebuhr, Merton, and Tillich. The primary emphasis of the course will be on their various conceptions of man's relation to God as well as their reflections on the religious man's relation to modernity and its religious pluralism. (Permission.) Ms. Masuzawa.

RE 303 THEORIES OF RELIGION. Fall. New Description. A critical and historical analysis of modern theories of religion and their impact on the contemporary religious life. Many of the humanistic sciences which emerged in the 19th and 20th centuries are marked by a profound preoccupation of their founders with the question of the origin and nature of religion. Through a study of the writings of Marx, Freud, Weber, Durkheim, Levi-Strauss, and others, this course will examine how these figures understood the significance of religious phenomena. (Permission.) Ms. Masuzawa.

(RE 304 MODERN JEWISH THOUGHT)

(RE 305 CONTEMPORARY SOCIAL ETHICS)

RE 306 THE PURITAN TRADITION IN AMERICA. Fall.

RE 308 SEMINAR IN AMERICAN RELIGIOUS HISTORY. Spring. New Description. Topic for 1984-85: The relation of church and state in American history from the seventeenth century to the present, with particular attention given to recent constitutional issues and court discussions. (Permission.) Mr. Ferm.

RE 309 SEMINAR IN BIBLICAL STUDIES. Spring. New Course. This year the seminar will examine the importance of the letter in early Christianity. Although focusing on the letters of the New Testament (the epistles of Paul and John and the catholic epistles), the seminar will also investigate the letters of other early Christians (such as Ignatius and Polycarp). In addition to examining the content of these letters, the course will explore how letters contributed to the growth and development of early Christianity. (RE 105 or 281.) Mr. Yarbrough.

RE 310 SEMINAR IN CHRISTIAN THEOLOGY. Fall. New Description. Topic for 1984-85: The Life and Thought of Dietrich Bonhoeffer, a brilliant young German theologian of the 1930's and early 1940's. Bonhoeffer participated in the Resistance against Hitler and the Nazis, was arrested by the Gestapo in 1943, was imprisoned and finally executed in April, 1945. His works, especially those written during World War II and from prison, have received mounting attention because they challenge so many secular and religious assumptions of modern society. Most of his works will be read as well as the biography of Eberhard Bethge. (Permission.) Mr. Scott.

(RE 311 BUDDHIST PHILOSOPHY)

RE 312 BUDDHIST AND CHRISTIAN ENLIGHTENMENT. Fall. New Description. The special topic of the course this year is the Bodhisattva and the Christ, the spiritual and ethical ideals of Mahayana Buddhism and Christianity. The course will explore the historical significance of the Bodhisattva in Asian thought as well as the various

interpretations of the meaning of the Christ in the Christian tradition. Through analyzing the conclusions reached at a conference on this topic to be held in September, the course will seek to discover the contemporary meaning of the Bodhisattva and the Christ, not only for their own traditions, but for each other's. (The course is open to students who have taken at least one religion course.) Mr. Rockefeller, Mr. Lopez.

(RE 335 PSYCHOLOGY AND RELIGION)

RE 340 SEMINAR IN THE HISTORY OF RELIGION. Spring. New Description. The topic for the seminar is death in eastern and western thought. The course will explore the phenomenon of death and its meaning in the religious and philosophical traditions of Asia and the West. The course will follow a chronological sequence, beginning with antiquity where the Epic of Gilgamesh, Plato, and Seneca will be read. From there, the confrontation with death in the great religions will be analyzed ending with contemporary articulations of the problem of death in the works of Feuerbach, Tolstoy, Freud, and Camus. (Permission.) Mr. Lopez.

RE 500 INDEPENDENT RESEARCH

RE 700 SENIOR RESEARCH FOR HONORS CANDIDATES

(RE 702 SENIOR SEMINAR)

The following cognate courses may be credited toward the requirements for the religion major:

HI 328 THE REFORMATION
PA 213 PHILOSOPHY OF RELIGION
PA 253 CONFUCIANISM AND THE CONFUCIAN TRADITION IN EAST ASIA
SA 380 ANTHROPOLOGY OF RELIGION

RUSSIAN

Professor: Robert Baker. Associate Professor: Thomas Beyer (chairman). Assistant Professor: Jane Miller. Lecturer: Alexandra Baker.

RU 101 BEGINNER'S RUSSIAN. Fall.

RU 102 BEGINNER'S RUSSIAN. Spring.

RU 104 RUSSIAN FOR READING. Spring.

*RU 151 RUSSIAN LITERATURE'S GOLDEN AGE (1830-1880) (PISTOLS, POETS, PRISONERS AND PROSTITUTES) (IN ENGLISH). Fall. Ms. Miller.

*RU 152 REVOLUTIONARY LITERATURE IN A REVOLUTIONARY SOCIETY: RUSSIAN MODERNISM (1880-PRESENT) (IN ENGLISH). Spring. Ms. Miller.

RU 201 INTERMEDIATE RUSSIAN. Fall. Mr. Baker, Mrs. Baker.

RU 202 INTERMEDIATE RUSSIAN. Spring. Mr. Baker, Mrs. Baker.

RU 301 RUSSIAN CONVERSATION AND COMPOSITION. Fall.

RU 302 RUSSIAN CONVERSATION AND COMPOSITION. Spring.

RU 311 MASTERPIECES OF RUSSIAN LITERATURE. Spring.

RU 321 SOVIET MAN AND HIS WORLD. Fall. Ms. Miller.

RU 351 DOSTOEVSKY (IN ENGLISH). Fall. New Description. Classroom discussion of the major novels of Russia's most misunderstood genius. Brief lectures will attempt to define for a Western reader the uniquely Russian experience of Dostoevsky. No

knowledge of Russian is required. Ms. Miller.

(RU 352 TOLSTOY (IN ENGLISH))

(RU 353 RUSSIAN THEATER (IN ENGLISH))

RU 354 CHEKHOV (IN ENGLISH). Spring. New Description. The development of Chekhov as a short story writer, dramatist, and Russian literature's first conscious modernist. The majority of the course will be devoted to an analysis of Chekhov's "mature" stories (post-1885) and his four major plays. No knowledge of Russian is required. Staff.

(RU 356 RUSSIAN LITERATURE OF THE 60'S AND 70'S)

RU 401 ADVANCED LANGUAGE STUDY. Fall. Mr. Baker.

(RU 402 ADVANCED LANGUAGE STUDY)

(RU 411 SEMINAR: PUSHKIN)

RU 500 ADVANCED STUDIES IN LANGUAGE AND LITERATURE. Fall, Spring.

RU 700 SENIOR INDEPENDENT STUDY PROJECT. Fall, Spring.

RU 704 SENIOR SEMINAR. Fall, Spring. Mr. Beyer.

SOCIOLOGY/ANTHROPOLOGY

Professors: David Andrews (chairman), Rudolf Haerle. Associate Professor: Margaret Nelson. Assistant Professors: Kitty Calavita (on leave fall term), L. Kathleen McDermott. Visiting Assistant Professor: Herman S. Gray.

INTRODUCTORY COURSES

SA 103 SELECTED TOPICS IN SOCIO-CULTURAL ANTHROPOLOGY. Spring.

*SA 105 SOCIAL MAN AND SOCIAL ORDER: ISSUES IN FREEDOM AND CONSTRAINT. Fall, Spring. Mr. Haerle.

SA 190 THE EVOLUTION OF MAN AND PREHISTORIC CULTURES. Fall.

*SA 191 INTRODUCTION TO WOMEN IN SOCIAL THOUGHT. Fall. New Course. An understanding of the manner in which the distinctions between the sexes serve as a basic organizing principal within human societies is essential to all social scienctific investigations. This course will offer students an introduction to how social thinkers have dealt with this issue. The course is divided into four major sections. In the first part we will examine a variety of explanations for and assumptions about sexual differentiation in the writings of major Western thinkers. The contributions of contemporary social scientists to our understanding of women's secondary status will be studied in the second part. A brief history of women in America will be covered in part three of the course. The last section will explore the development of feminist theoretical frameworks: conservatism, liberalism, traditional Marxism, radical feminism and socialist feminism. Ms. Nelson.

THEORY AND METHOD

SA 205 TOPICS IN SOCIAL THOUGHT--STABILITY AND CHANGE. Fall.

SA 301 THE RESEARCH PROCESS--SOCIOLOGY. Spring. Mr. Haerle.

SA 302 THE RESEARCH PROCESS--ANTHROPOLOGY. Fall. Mr. Andrews.

SOCIAL ORGANIZATION AND COMPARATIVE INSTITUTIONS

SA 315 SOCIOLOGY OF EDUCATION. Spring.

SA 316 THE SOCIOLOGY OF YOUTH. Spring. New Description. In the United States,

the transition to adulthood is vaguely defined, resulting in an adjustment period characterized by "sturm and drang." The problems to which this course addresses itself spring from a set of historical, demographic, biological, cultural, economic and institutional forces and developments. Within the framework of a youth culture and peer group support, we shall explore the following type of issues: problems of social and sexual identity and maturity, youth in history and fiction, alienation and political activism, the generation gap, athletic participation and educational experiences, training for work and occupational aspirations, juvenile delinquency, and an overarching concern with ethnic and class differentiations. Alternative solutions to the problems of youth will be considered and evaluated. (SA 105 or permission.) Mr. Haerle.

(SA 337 POLITICAL SOCIOLOGY)

(SA 345 WORK, LEISURE AND SPORT)

SA 346 POPULAR MUSIC AND SOCIETY. Spring. New Course. The emphasis of this course is the organization of the popular music business and the role of popular music in challenging and reinforcing social values. The course examines how the form and content of popular music is influenced by its manufacturer in the music business. It also examines how values are expressed through the content and use of popular music. Mr. Gray.

SA 349 MASS COMMUNICATIONS IN MODERN SOCIETY. Spring. New Course. This course will examine the structure and operation of mass media in contemporary society. Our examination will be guided by a critical and analytic approach to the study of mass communications. The emphasis is on the development and organization of selected forms of mass communication and the effects of these forms on the organization and operations of modern society. Mr. Gray.

(SA 370 SOCIOLOGY OF INEQUALITY)

(SA 380 THE ANTHROPOLOGY OF RELIGION)

SA 384 CROSS CULTURAL PERSPECTIVES OF HEALTH SYSTEMS. Fall.

(SA 385 MEDICAL SOCIOLOGY)

SA 387 SOCIOLOGY OF LAW. Spring.

SA 390 THE SOCIOLOGY OF WOMEN. Spring.

(SA 391 ADVANCED TOPICS IN THE SOCIOLOGY OF WOMEN)

(SA 408 SOCIOLOGY OF RELIGION)

AREA STUDIES

(SA 321 NATIVE PEOPLES OF NORTH AMERICA)

SA 322 NATIVE PEOPLES OF SOUTH AMERICA. Spring. New Description. An examination of the aboriginal peoples of South America, the Caribbean Islands and Central America to the Maya frontier. Major emphasis will be on these peoples at the time of first contact. Special concern will be the methodological and theoretical implications of the data. (SA 103 or permission.) Mr. Andrews.

(SA 326 LATIN AMERICAN CULTURE AND SOCIETY)

SA 330 PERSPECTIVES OF AMERICAN SOCIETY AND CULTURE. Spring.

SA 335 CHINESE SOCIETY AND CULTURE. Fall. New first sentence: This course will be a survey of the principal institutions and ideas which form the background to modern Chinese society.

SOCIAL PROCESS AND SOCIAL PROBLEMS

SA 343 AMERICAN COMMUNITY STUDIES. Fall. New Description. An examination of the

American experience since 1920, as viewed through the participants in various types of communities. Dominant cultural values (and their changes) will be studied in relation to emergent and changing community organization. Within the framework of the folk-urban continuum, consideration of various theories of community formation and development. The influence of industrialization, social class, and ethnicity will be explored in the context of the small town, the urban neighborhood, suburbia, the communal setting and in fiction. Assessment of methodological approaches and problems. Mr. Haerle.

(SA 344 URBAN SOCIOLOGY)

SA 348 SOCIOLOGY OF POPULAR CULTURE. Fall. New Course. This course will examine the role of popular culture in contemporary American society. Our focus is on popular culture as a major source of knowledge about society. We will examine the influence of the popular culture business on the production and consumption of popular forms such as: television entertainment, popular music and news. We shall consider the extent to which popular culture functions to maintain existing social and economic relationships. Mr. Gray.

(SA 351 PSYCHOLOGICAL ANTHROPOLOGY)

SA 352 SOCIAL PSYCHOLOGY. Spring. Ms. Calavita.

SA 354 RACE AND ETHNICITY. Fall. New Title and Description. This course examines race and ethnicity as the basis for patterns of social interaction and social inequality in modern industrial societies, especially the United States. The emphasis is on theoretical explanations, as well as empirical descriptions of these patterns. Mr. Gray.

SA 360 BUREAUCRACY AND AUTHORITY. Deleted.

SA 356 ANTHROPOLOGY OF CHANGE AND DEVELOPMENT. Spring. New Course. Explanations of change and development have been a central concern in anthropology throughout its history. This class will address the major theories on the sources and patterns of change. Theories of modernization and underdevelopment will be examined as well as ethnographic data on particular societies and institutions. Ms. McDermott.

(SA 388 DEVIANCE)

(SA 495/496 SEMINAR IN SOCIOLOGY-ANTHROPOLOGY)

SA 500 ADVANCED INDIVIDUAL STUDY. Fall, Spring.

SENIOR PROGRAM
SA 700 SENIOR ESSAY. Fall.

SA 710 SENIOR THESIS. Fall, Winter.

SPANISH/ITALIAN

Associate Professors: Alicia Andreu (chairman), Roberto Véguez. Assistant Professors: René Prieto, Ugo Skubikowksi (on leave), David George, Patricia Zupan. Visiting Assistant Professor: Anthony Tamburri.

SPANISH

Replace Major Program and Joint Majors copy with the following:

Major Program: The major consists of a minimum of eleven courses, including the following: 1) SI 300; 2) courses at the 300-level (not including SI 300); and 3) at least one advanced course beyond the 300-level during the Senior year. No more than 2 courses at the 100-or 200-level may be counted toward the major.

Joint Majors: The Spanish component of a joint major will consist of at least seven course from departmental offerings, with no more than two at the 100- or 200-level. Other requisites include SI 300 and at least one advanced course beyond the 300-level during the Senior year.

Under Programs Abroad for Juniors, replace the last sentence with the following:

Students planning to go abroad are required to have taken SI 300. The deadlines for applications are November 15 for the following spring semester and March 1 for the following fall semester or year.

Under Honors, replace the first sentence with the following: Upon completing an advanced course beyond the 300-level during the Senior year, the student may be nominated as an Honors candidate (SI 705).

SI 101 INTENSIVE BEGINNING SPANISH. Fall. Ms. Andreu, Mr. George.

SI 102 CONTINUING SPANISH. Spring. Ms. Andreu, Mr. George.

SI 201 INTERMEDIATE SPANISH. Fall. Mr. Prieto.

SI 219 SELF-EXPRESSION IN SPANISH. Fall, Spring. Ms. Andreu, Mr. Prieto.

(*SI 231 CAPTAINS, KINGS AND CAUDILLOS)

SI 300 AN INTRODUCTION TO THE STUDY OF HISPANIC LITERATURE. Fall, Spring.

SI 301 THE HISPANIC TRADITION IN LITERATURE. Fall. New Description. An introduction to the masterworks of Spanish literature from the Middle Ages to the Civil War. The course will consist of a weekly lecture on the historical and cultural background of the period under study, and a weekly lecture/discussion on the literary work that best represents it. Students will be required to do at least one class presentation, to write two short papers and to take a mid-term exam and a final. Prerequisites: SI 300 or permission from the instructor. This course is required of students who wish to go to Spain with the Middlebury program. Mr. Véguez.

SI 303 THE HISPANIC TRADITION IN LITERATURE: SPANISH AMERICAN LETTERS FROM THE NINETEENTH CENTURY TO THE PRESENT. Spring.

(SI 315 EL ARTE DE LA TRADUCCION: PROBLEMAS Y SOLUCIONES)

SI 325 INTRODUCTION TO BRAZIL. Spring. New Description. An examination of modern Brazil in the light of historical influences and sociological, cultural and regional differences. Readings will be in Portuguese and will include newspaper and magazine articles, novels and short stories. Given in Portuguese. Mr. George.

(SI 330 LATIN AMERICAN CULTURE AND CIVILIZATION)

SI 402 CERVANTES Y EL DON QUIJOTE. Spring. New Description. A detailed discussion and analysis of the Quijote with additional readings from major literary and cultural sources. Some critical interpretations of the work from the 17th century to the present will also be considered. Mr. Véguez.

SI 410 THE "MASS MEDIA" IN SPANISH LITERATURE. Deleted.

(SI 415 LA COMEDIA ESPAÑOLA DEL SIGLO DE ORO)

(SI 420 VIOLENCIA Y PASION)

(SI 435 TALLER DE TEATRO)

SI 440 WOMEN IN HISPANIC LITERATURE. Spring. New Description. The purpose of this course is to try to understand a multiplicity of interpretations regarding the role of women in Hispanic literature. This will be accomplished by studying various scholarly and critical approaches, highlighting the neglected role of women in Hispanic letters and offering a reappraisal of the works in a feminist light. The list of readings will include Spanish and Latin American texts. Ms. Andreu.

(SI 445 THE SPANISH NOVEL FROM VALERA TO DELIBES)

SI 500 INDEPENDENT STUDY. Fall, Spring.

SI 700 SENIOR RESEARCH SEMINAR. Fall. New Description. Advanced readings in Hispanic literature and culture. Through the study of key texts, the course will seek to provide a framework for the students' previous experience and course work in Spanish. The topics in the fall of 1984 will be the following:
A. Culture and Identity in Latin American Literature. Mr. Prieto.
B. Literature and Society in Latin America. Mr. George. Both of these seminars will be open for Seniors and for students with special permission from the teacher.

Students may also satisfy the Senior requirement by taking,
SI 402 CERVANTES Y EL DON QUIJOTE. Mr. Veguez.
SI 440 WOMEN IN HISPANIC LITERATURE. Ms. Andreu.
Both of these courses will be offered in the spring of 1985.

SI 705 SENIOR HONORS PROJECT. Spring. New Description. For departmental Honors candidates. Prerequisite: one advanced course beyond the 300-level during the fall term of their senior year and nomination by the department. Nominations will be based on the students' minimum B average in courses in the department and in their senior work. For students wishing to write a thesis as their Honors project, a thesis prospectus with bibilography and the tentative approval of an adviser will be due no later than November 1st. Students wishing to take a comprehensive examination as their Honors project should notify the department of their intention no later than November 1st. The department will announce nomination decisions by the second Monday of Winter Term. Not required for the major. Staff.

ITALIAN

SI 151 INTENSIVE BEGINNING ITALIAN. Fall. Staff.

SI 152 INTENSIVE BEGINNING ITALIAN. Spring. Staff.

SI 251 INTERMEDIATE ITALIAN. Fall. Staff.

SI 252 ADVANCED ITALIAN. Spring. Staff.

(*SI 290 DANTE (IN ENGLISH))

(*SI 294 THE ITALIAN RENAISSANCE (IN ENGLISH))

SI 298 THE ITALIANS. Spring. New Course. This course presents an overview of modern Italy through representative texts of noteworthy Italian authors. Luigi Barzini's The Italians provides the initial impetus for the exploration of a society whose diversity will be examined through the writings of seven authors and various genres. Two novels take into account, on the one hand, the Fascist experience and its social ramifications, and on the other, the dichotomy of north and south. Further works consider other major social concerns: adolescence and the child/parent relationship; the question of the 'mafia' and its effect on society; male-female relationships and the emergence of a 'feminist' consciousness, and the individual in a world of fluctuating social mores. While a serious tone informs some of the texts, comic relief is provided by others. Additional brief readings will enhance the student's understanding of the socio-historical aspects of modern Italy. Mr. Tamburri.

(SI 350 CONTEMPORARY ITALIAN CULTURE AND CIVILIZATION)

(SI 352 LITERATURE OF THE RENAISSANCE)

SI 354 EPOCHE DELLA LETTERATURA ITALIANA I. INTRODUZIONE AL PERIODO MODERNO. Fall. Staff.

SI 355 EPOCHE DELLA LETTERATURA ITALIANA II: INTRODUZIONE AL MEDIOEVO E AL RINASCIMENTO. Spring. Staff.

(SI 375 ITALIAN CINEMA: FROM FICTION TO FILM)

(SI 459 MODERN ITALIAN FICTION: THE ROLE OF THE INDIVIDUAL IN ITALIAN NOVELS OF

THE TWENTIETH CENTURY. Fall. New Description. An analysis of the role of the individual as it is viewed by four major Italian writers of this century: Pirandello, Svevo, Vittorini and Pavese, through a close reading and a detailed discussion of some of their novels. Four novels will be read in their entirety, together with selections from other works. The course will be conducted mainly through class discussions, but each author will be introduced by one or two formal lectures. Staff.

SI 490 DANTE: LA VITA NUOVA AND INFERNO. Deleted.

SI 550 INDEPENDENT STUDY. Fall, Spring.

(SI 750 SENIOR SEMINAR)

TEACHER EDUCATION

Associate Professor: Richard Dollase (chairman). Lecturer: Joanna Hall, Dori Rockefeller, Betsy Thurber.

Major Program: Replace paragraph 2 (following the list of states) with: The initial Vermont professional certificate is probationary for a three-year period. After successful completion of three years of teaching, a continuing certificate is issued. Holders of the initial Vermont certificate who are teaching in another state must qualify for a regular professional certificate according to the requirements of that state.

Under Requirements for Secondary Certification: Add Geology and Science to the list of areas in which Middlebury College recommends students for secondary-level certification.

TE 200 FOUNDATIONS OF EDUCATION. Spring.

TE 201 CRITICAL ISSUES IN AMERICAN EDUCATION. Fall.

TE 205 METHODS OF TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. Spring. New Description. An introduction to curriculum theory and design in language arts and social studies. In addition to the three hours of weekly class, students spend two to three hours per week observing elementary school classes in the Middlebury area. Ms. Hall.

TE 210 METHODS OF TEACHING MATHEMATICS AND SCIENCE IN THE ELEMENTARY SCHOOL. Fall. New Description. An examination of current trends in content, methods and materials of elementary school mathematics and science. In addition to the three hours of weekly seminars, students spend two to three hours per week observing in elementary school classes in the Middlebury area. Ms. Hall.

TE 220 TEACHING READING AND STUDY SKILLS IN SECONDARY SCHOOL SUBJECTS. Fall.

TE 305 CONTEMPORARY TOPICS IN HIGHER EDUCATION. Spring. New Prerequisites. (Open to juniors, seniors and sophomores.)

TE 404 CURRICULUM DEVELOPMENT IN ELEMENTARY SCHOOLS. Fall, Spring.

TE 405-406-407 STUDENT TEACHING IN ELEMENTARY EDUCATION. Fall, Spring.

TE 414 PROBLEMS AND METHODS IN SECONDARY EDUCATION. Fall, Spring.

TE 415-416-417 STUDENT TEACHING IN THE SECONDARY SCHOOL. Fall, Spring.

FIELD EXPERIENCE IN TEACHER EDUCATION: THE TEACHER ASSISTANT PROGRAM. WINTER TERM ONLY. No change.

THE PROFESSIONAL SEMESTER--and its prerequisites. No change.

THEATRE, DANCE AND FILM

Professors: Ted Perry, Chandler Potter. Associate Professor: Douglas Sprigg (chairman). Assistant Professors: Douglas Anderson, Tarin Chaplin, Andrea Olsen. Instructor: Caryn McHose. Technical Director: Richard Forman.

Major Program: Under FILM STUDIES, Delete: TH 207 NON-FICTION FILM
Delete: AR 101 ART HISTORY
Add: AR 102 ART HISTORY
Note: Both TH 217 INDEPENDENT AND PERSONAL CINEMA and
TH 317 FILM AND MODERISM IN THE ARTS are required.

DEPARTMENTAL COURSES
THEATRE COURSES

TH 102 ACTING I. Fall, Spring. Mr. Sprigg.

(TH 106 INTRODUCTION TO DRAMA STUDIES)

*TH 116 THE CREATIVE PROCESS: THEATRE, DANCE, FILM. Fall, Spring.

EL/TH 125 SHAKESPEARE. Fall, Spring. See English department copy for description.

TH 202 ACTING II. Spring.

TH 211 SCENE DESIGN I. Fall. New Description. Practice in developing scenic schemes from the idea through the sketch or model. Class discussion, demonstrations and exercises lead to several design projects. Studio sessions provide hands-on experience in construction, painting, etc. Students with art backgrounds have found this work to be interesting and challenging, but previous training in drawing is not necessary. (TH 116, or permission.) Mr. Potter.

TH 214 DIRECTING I. Fall.

TH 218 PLAYWRITING I. Fall. New Prerequisites. (An introductory writing course, an introductory theatre course, or permission.) Mr. Anderson.

TH 221 SCENE DESIGN II. Spring.

TH 223 LIGHTING. Spring. New Description. Stage lighting is a unique craft, although it does have areas in common with architectural, film, and TV lighting. This course examines theories applicable to all and design practice for the stage, leading to the planning and preparation of the light plot. Also includes studio experience relating theory to practice. Mr. Potter.

(TH 224 DIRECTING II)

EL/TH 225 SHAKESPEARE'S COMEDIES. Spring. See English department copy for description.

(TH 226 AMERICAN DRAMA)

TH 228 PLAYWRITING II. Fall, Spring. New Course. The work of the playwright doesn't end the moment he types "The End" on the final page of a manuscript. He must encounter actors, directors and designers, and must guide his work through rehearsal and revision. In this course, subtitled "New Plays in Production," the work generated in Playwriting I is subjected to the theatrical process. The course will produce a series of late-night play readings, open to the campus, and the final evening of new works. (TH 218.) Mr. Anderson.

TH 302 VOICE FOR THE ACTOR. Fall. New Course. Using Shakespeare's plays as the primary texts, students initially will be introduced to vocal techniques designed to prepare them for the increased demands made upon the voice by Shakespearean verse. Vocal work will be followed by a close analysis of the text designed to increase the student's awareness of the many possible interpretations of meaning. Experimenting with a variety of different techniques of analyzing and understanding the nuance of

idea and emotion inherent in dramatic verse, students will explore ways in increased intellectual understanding. Mr. Sprigg.

TH 306 TWENTIETH CENTURY EXPERIMENTS. Spring. Mr. Anderson.

TH 315 COSTUME DESIGN. Fall. New Description. Introduction to costume design and execution. In class, lectures and design projects concentrate on study of period dress, design elements and composition, drawing and rendering techniques and theatrical style as they relate to the play, the interpretation and the occasion. In the studio, practice with fabrics, patterns, cutting, fitting, etc. Previous experience in figure drawing is useful. (One of the following: TH 116, TH 306, TH 326, or permission.) Mr. Potter.

(TH 326 MODERN DRAMA)

TH 400 SPECIAL TOPICS. Fall, Spring.

TH 500 INTERMEDIATE INDEPENDENT PROJECT. Fall, Spring.

TH 700 SENIOR PROJECT. Fall, Spring.

PRODUCTION STUDIOS

TH 210 PRODUCTION STUDIO: ACTING/DIRECTING. Fall.

TH 219 PRODUCTION STUDIO: DESIGN/PRODUCTION. Fall. New Description. Participation in the production process, from planning through strike. Students may work in all technical areas. Those with no experience are encouraged to participate. More advanced students concentrate their efforts in one or two areas with more responsibility. (Permission. Normally limited to freshmen, sophomores and juniors.) Mr. Potter.

TH 220 PRODUCTION STUDIO: ACTING/DIRECTING. Spring.

TH 229 PRODUCTION STUDIO: DESIGN/PRODUCTION. Spring.

DANCE COURSES

TH 160 INTRODUCTORY DANCE. Fall, Spring. New Description. An introduction to dance involving technique, improvisation and composition, anatomy, and history. Technique includes flexibility, strength, coordination, rhythm, and movement vocabulary of the modern idiom. Improvisation is used to explore and learn concepts of space, time, energy and choreography from which beginning composition studies emerge. Conceptual aspects of the discipline involve selected readings, films, and performance viewing. Ms. Olsen.

TH 161 INTRODUCTORY DANCE. Fall, Spring.

TH 216 ANATOMY AND KINESIOLOGY. Fall, Spring.

TH 240 MOVEMENT INTENTIONALITY FOR THE STAGE. Spring. This course no longer has any prerequisites.

TH 260 INTERMEDIATE DANCE TECHNIQUE AND CHOREOGRAPHY. Fall.

TH 261 INTERMEDIATE DANCE. Fall. New Prerequisites. (TH 160 and TH 161.)

(TH 270 INTERMEDIATE BALLET)

(TH 271 INTERMEDIATE BALLET)

TH 301 DANCE COMPANY OF MIDDLEBURY. Fall, Spring.

TH 302 CHOREOGRAPHY. (Renumbered TH 370--see below.)

TH 325 DANCE HISTORY. Fall. This course will be offered every other fall term in

even years. Ms. Chaplin.

TH 360 ADVANCED DANCE. Fall, Spring. Staff.

TH 361 ADVANCED DANCE. Fall, Spring. Staff.

(TH 370 CHOREOGRAPHY) Formerly TH 302.

FILM STUDY COURSES

*TH 117 FILM FORM AND FILM SENSE. Fall, Spring. New Prerequisites. (Freshmen, sophomores and juniors only.) Mr. Perry, Mr. Carney.

(TH 207 NON-FICTION FILM)

TH 217 INDEPENDENT AND PERSONAL CINEMA. Spring. New Description. In the past twenty years or so, and since the availability of relatively inexpensive and portable filmmaking equipment, a number of maverick American filmmakers have broken away from the Hollywood establishment to write, direct, and finance their own personal films. The "wild home movies" that have resulted are refreshingly original and utterly unlike the commercial pap of Hollywood. We will study this independent tradition in American filmmaking, giving special attention to the work of Norman Mailer, John Cassavetes, Shirley Clarke, Paul Morrissey, Barbara Loden, John Korty, Elaine May, and others. Mr. Carney.

(TH 227 CINEMA AFTER WW II)

(TH 237 AMERICAN FILM GENRES)

TH 317 FILM AND MODERNISM IN THE ARTS. Fall. Mr. Perry.

(TH 327 FILMS OF M. ANTONIONI)

EAST ASIAN STUDIES (continued from page 14)

ALTERNATIVE B/Section I.
The first three lists remain the same as the first three lists under ALTERNATIVE A, above.

Plus one course in art, philosophy, religion or literature included on the master list above.

Plus a course chosen in consultation with the program chairman that is judged likely to provide extra preparation in a specific discipline or methodology for writing the EAS senior thesis. Often taken in the fall of the junior year, it may be taken in the preceding spring semester. Among the possible choices would be AR 400, CS 260, HI 424, PA 231, PS 404, RE 210, SA 356.

Plus one additional course selected from the master list.

Section II. No change.

Section III. No change in program copy.

HI 426 WRITING AND RESEARCH, EAST ASIA. Deleted.

EA 700 SENIOR THESIS. Fall. Staff.

EA 700/WT SENIOR THESIS. Winter.

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